Access DB#	
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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Art Unit: Phone		Examiner # :	Date:
Art Unit: Phone	e Number 30	Serial Number:	
Mail Box and Bldg/Room Locati	ion:	Results Format Preferred (circle):	PAPER DISK E-MAIL
If more than one search is sub	omitted, please pric	oritize searches in order of ne	ed.
Please provide a detailed statement of the Igelude the elected species or structures willing of the invention. Define any termination, Please attach a copy of the coverage of	s, keywords, synonyms, ms that may have a speci	acronyms, and registry numbers, and co al meaning. Give examples or relevant	ombine with the concept or
Title of Invention:			
Inventors (please provide full names)			
Earliest Priority Filing Date:			
		tion (parent, child, divisional, or issued pa	tent numbers) along with the
oupsopriate serial number.	,	···· (/ ·····, -··· ·· ·· ··· ··· / ·· ·· ··· ·· / ··	
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TAFF USE ONLY	Type of Search	Vendors and cost who	ere applicable
cercher: P. Schverber	NA Sequence (#) 2	NTS	
rand or Phone #: 272-2524	AA Sequence (#)	Dialog	
nurcher Location: Runger FOLA	6 /Structure (#)	Questel/Orbit	
Pate Searcher Pin' ed Up:	Bibliographic	•	
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Schreiber, David

From: Sent: To:

Subject:

Ramirez, Delia

Thursday, August 19, 2004 6:31 PM Schreiber, David

09/902705

Hi,

I would like to request the following interference search:

seq id 1, 2 in the nucleic acid databases
 seq id 2 in the protein databases

Thank you,

Delia M. Ramirez, Ph.D.

Patent Examiner

Recombinant Enzymes-Art Unit 1652

USPTO

400 Dulany Street, Remsen Bldg., 2D74, Mail room 2C70

Alexandria, VA 22314

(571) 272-0938

delia.ramirez@uspto.gov

•		

us-09-902-705-2.rnpb

Title: Perfect score:

Sequence:

protein

Run on: ĕ

Scoring table:

Minimum DB seq Maximum DB seq

Searched:

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Sequence 1, Application US/09189833B
Fatent No. USZ002006539341
FATEL REFERENCE: FF138P1D1
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-11-12
FRIOR PILING DATE: 1998-11-12
FRIOR PAPLICATION NUMBER: US/08/461,031
FRIOR PAPLICATION NUMBER: PCT/US94/11914
FRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LINGTH 13186
                                                                  Sequence 19, Applementations of Applements 2, Applements 2, Applements 22, Applements 22, Applements 23, Applements 236, Applements 256, Ap
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Sequence 24187, A
Sequence 2804, Ap
Sequence 20, Appl
Sequence 33283, A
386 9 US-09-189-833B-1
386 9 US-09-189-833B-1
386 9 US-09-902-705-1
365 16 US-09-902-705-1
316 15 US-10-264-049-424
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ORGANISM: Homo sapiens
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| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
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| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
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             GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                    - nucleic search, using frame_plus_p2n model
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NAME/KEY: CDS LOCATION: (626)..(1264)

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                                    ), NAME/KEY: CDS
LOCATION: (626)..(1264)
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US-09-902-705-1
         TYPE: DNA
ORGANISM: Homo sapiens
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| Sequence 1, Application US/09902705
| Patent No. US20020081695A1
| GENERAL INFORMATION:
| APPLICATION: Bednarik et al. |
| TITLE OF INVENTION: Human Hypoxanthine (Guanine) Phosphoribosyl Transferase 2 |
| TITLE OF INVENTION: Human Hypoxanthine (Guanine) Phosphoribosyl Transferase 2 |
| TITLE OF INVENTION: PRIBER: US/09/902,705 |
| CURRENT APPLICATION NUMBER: US/09/902,705 |
| PRIOR FILING DATE: 1995-06-05 |
| PRIOR PLICATION NUMBER: PCT/US94/11914 |
| PRIOR FILING DATE: 1994-10-19 |
| NUMBER OF SEQ ID NOS: 11 |
| SEQ ID NO 1
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Sequence 19, Application US/10427631
Sequence 19, Application US/10427631
PUDLication No. US2030175923A1
GENERAL INFORMATION:
APPLICANT: INCYTE CORPORATION; TANG, Y. Tom;
APPLICANT: CORLEY, Neil C.; GUEGLER, Karl J.;
APPLICANT: BAUGHN; Mariah R.; LAL, Preeti G.;
APPLICANT: AZIMZAI, Yalda
                                                                                                                  US-09-902-705-2 (1-212) x US-09-902-705-1 (1-1386)
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598 ITTGTGGTGGGATATGCCTTAGATTACAATGAATACTTCAGAGATCTGAATCACATATGC 657
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; CTHER INFORMATION: Incyte ID No. US20030175923A1 1404963CB1
US-10-427-631-19
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2037
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Matches:
Conservative:
Mismatches:
Indels:
TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS
FILE REFERENCE: PP-0592-1 DIV
CURRENT APPLICATION NUMBER: US/10/427,631
CURRENT FILING DATE: 2003-04-29
PRIOR APPLICATION NUMBER: US 09/786,240
PRIOR PILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: ECT/US99/20889
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1998-09-10
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: US 60/155,248
PRIOR FILING DATE: 1998-09-10
PRIOR FILING DATE: 1998-09-10
PRIOR FILING DATE: 1998-05-11
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PERL PROGRAM
SEQ ID NO 19
LENGTH: 1927
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1069.00
99.51%
98.54%
95.79%
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Best Local Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         127 GlyLysAsnPheleulleValGluAspValValGlyThrGlyArgThrMetLysAlaLeu 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       167 ArgThrSerArgSerAspGlyPheArgProAspTyrAlaGlyPheGluIleProHisLeu 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AGAACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGGATTTGAGATTCCAAACTTA 596
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            67 ValLeuLysGlyGlyTyrLysPheCysAlaAspLeuValGluHisLeuLysAshIleSer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     237 GIGCITAAAGGAGGTIACAAATICIGIGCTGATCTCGIAGAACACCTIAAGAACAICAGC
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                                                                                                  GENOME 424.049-424

Sequence 424, Application US/10264049

Sequence 424, Application US/10264049

Publication No. US20040005579A1

GENERAL INFORMATION:

APPLICANT: Birse et al.

TILLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PA133P1

CURRENT PILING DATE: 2002-10-04

PRIOR APPLICATION NUMBER: DCT/US01/18569

PRIOR FILING DATE: 2000-06-07

PRIOR FLING DATE: 2000-06-07

NUMBER OF SEQ ID NOS: 4360

SOFTWARE: Patentin Ver. 3.1

SEQ ID NO 424
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207 ValileAsnGluHisGly 212
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CORGANISM: Homo sapiens
US-10-264-049-424
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Best Local Similarity:
Query Match:
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280 186 220

206

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RESULT 6
US-103-279-2
Sequence 2, Application US/10308279
Sequence 2, Application US/10308279
Publication No. US20030170742A1
GENERAL INFORMATION:
TITLE OF INVENTION: RAISOLINGERS AND POLYBEPTIDES ASSOCIATED WITH THE DEVELOPMEN:
TITLE OF INVENTION: RHEUMATOID ARTHRITIS
FILLE REFRENCE: DOLJO NP
CURRENT FILING DATE: 2002-12-03
PRIOR APPLICATION NUMBER: 66/337,429
PRIOR APPLICATION NUMBER: 66/337,429
PRIOR FILING DATE: 2001-12-03
FILING DATE: 2001-12-03
                                                                                            147 LeuSerAsnIleGluLysTyrLysProAsnMetIleLysValAlaSerLeuLeuValLys 166
                                                                                                                                                                                                                                               219 TTTGTGGTGGGATATGCCTTAGATTACAATGAATACTTCAGAGATCTGAATCACAGATATGC 160
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                                                    399 GGAAAGAATGTTCTCATTGTTGAGGATGTTGTCGGAACTGGGAGGACCATGAAAGCACTA
                                                                                                                     339 CTCAGCAATATAGAGAAATACAAGCCCAACATGATTAAGGTAGCCAGTTTGTTGGTGAAG
                                                                                                                                                               ArgThrSerArgSerAspGlyPheArgProAspTyrAlaGlyPheGluIleProHisLeu
                                                                                                                                                                                279 AGAACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGGATTTGAGATTCCAAACTTA
                                                                                                                                                                                                                               PheValValGlyTyrAlaLeuAspTyrAsnGluTyrPheArgAspLeuAsnHisIleCys
                               GlyLysAsnPheLeulleValGluAspValValGlyThrGlyArgThrMetLysAlaLeu
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                                                                                                                                                                                                                                                                                                                   159 GTCATCAATGAGCACGGT 142
                                                                                                                                                                                                                                                                                              207 ValileAsnGluHisGly 212
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SOFTWARE: PatentIn version 3.1
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779.00
83.02%
68.40%
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ORGANISM: homo sapiens
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Best Local Similarity:
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LENGTH: 1316
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Pred. No.:
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          187 PhevalvalGlyTyralaLeuAspTyrasnGluTyrPheargAspLeuAsnHisTleCys 206
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                                                                                                                                                                  Sequence 13, Application US/09822830A;
Sequence 13, Application US/09822830A;
Patent No. US20020142952AI
JERNERAL INFORMATION:
APPLICANT: Graden G.
APPLICANT: Clark, Hilary
APPLICANT: Perchtel, Kim
APPLICANT: Apostino, Michael J.
APPLICANT: Howes, Steven H.
APPLICANT: Respick, Michael J.
APPLICANT: Gulukota, Kachard J.
APPLICANT: Gulukota, Kachard J.
APPLICANT: Gulukota, Kamalakar
APPLICANT: Graham, James R.
TITLE OF INVENTION: POLINUCLEOTIDES ENCODING NOVEL SECRETED PROTEINS
FILE REPERBNCE: GIN 6402
CURRENT FILING DATE: 2001-03-29
CURRENT FILING DATE: 2001-03-29
FRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 631
SEQ ID NO 13
LENGTH: 806
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Conservative:
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Indels:
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LOCATION: 735,739
OTHER INFORMATION: n=a,c,g, or
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1049.00
98.06%
97.57%
                                                                                                657 GTCATCAATGAGCACGGT
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ORGANISM: Homo sapiens
FEATURE:
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Best Local Similarity:
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US-09-822-830A-13/c
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SEQUENCE 22, APPLICATION US/10175523

SEQUENCE 22, APPLICATION US. US2030309564A1

GENERAL INFORMATION.

APPLICANT: Evans, Jorid APPLICANT: Evans, David APPLICANT: Hook, Derek APPLICANT: Hook, Derek APPLICANT: Hook, Derek APPLICANT: Rajan, Michael APPLICANT: Rajan, Prithi APPLICANT: Rajan, Prithi Special North Colored Special APPLICANT: Rajan, Prithi Special Special APPLICANT: Rajan, Prithi Special Special APPLICANT: Rajan, Prithi Special Specia
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Sequence 2, Application WS/10308448

Publication No. US20030170743A1

GENERAL INFORMATION:
APPLICANT: Bristo-Myers Squibb Company
APPLICANT: Bristo-Myers Gquibb Company
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE DEVELOPMENT
TITLE OF INVENTION: OSTEOARTHRITIS
FILE REFERENCE: D0189
CURRENT PILING DATE: 2002-12-03
PRIOR APPLICATION NUMBER: 60/337,417
PRIOR APPLICATION NUMBER: 60/337,417
PRIOR FILING DATE: 2001-12-03
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PALENTIN Version 3.1
SEQ ID NO 2.2
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    101 ArgieulysserTyrArgAsnAspGlnSerMetGlyGluMetGlnIleIleGlyGlyGly 120
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                                AspleuSerThrLeuAlaGlyLysAsnPheLeuIleValGluAspValValGlyThrGly
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Matches:
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TYPE: DNA
ORGANISM: Homo Sapiens
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IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: 932449
SEQUENCE DESCRIPTION: SEQ ID NO: 1298
                                            PA-0001
               NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE DOCKET NUMBER: PA
TELECOMMINICATION INFORMATION:
TELEPHONE: (650) 855-0555
                                                                                 TELEPAX: (650) 845-4166 INFORMATION FOR SEQ ID NO: 1298: SEQUENCE CHARACTERISTICS:
                                                                                                                                 LENGTH: 1331 base pairs
                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
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83.02%
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69.80%
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| TATTTTGCATACCTAATCATTATGCTGAGGATTTTGGAAAGGGTGTTTATTGCTCATGGA
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ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Word Perfect 6.1 for Windc
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/641,643
FILING DATE: 14-Aug-2003
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS,
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
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APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cocke, Benjamin G. Susar G. Stuart Jeffrey J. Sellamer TITLE OF INVENTION: COMPOSITION
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; Publication No. US20040077003A1
; GENERAL INFORMATION:
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  Length:
Matches:
Conservative:
Mismatches:
Indels:
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HisLeulysAsnIleSerArgAsnSerAspArgPheValSerMetLysValAspPheIle 100
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                                                       Sequence 13, Application US/09925664
; Sequence 13, Application US/09925664
; Patent No. US20020160006A1
; GARERAL INFORMATION:
    APPLICANT: Denney, Jr., Dan W.
    TILE REPERBNCE: GENITODE: 06499
    CURENT APPLICATION: Nethods of Treating Lymphoma and Leukemia
    FILE REPERBNCE: GENITODE: 06499
; CURENT FILING DATE: US0/09/925,664
; CURENT FILING DATE: 1996-08-09
; PRIOR PELLING DATE: 1996-08-09
; PRIOR PELLING DATE: 1996-08-09
; PRIOR APPLICATION NUMBER: 08/644,664
; PRIOR APPLICATION NUMBER: 08/761,277
; PRIOR PILING DATE: 1996-12-06
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
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709 GATTTGAATCATGTTTGTGTCATTAGTGAAACTGGA 744
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Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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772.00
83.02%
67.92%
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Best Local Similarity:
Query Match:
DB:
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LOCATION: (88)..(7,
COTHER INFORMATION:
US-09-925-664-13
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                        Sequence 283, Application US/10044090
Publication No. US20020137081A1
GENERAL INFORMATION:
APPLICANT: Olga Bandman
TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION
FILE REFERENCE: PA-0028 US
CURRENT APPLICATION NUMBER: US/10/044,090
CURRENT FILING DATE: 2002-01-09
NUMBER OF SEQ ID NOS: 850
SOFTWARE: PERL PROGRAM
SEQ ID NO 283
LENGTH: 1365
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                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020137081A1 1291103CB1
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Matches:
Conservative:
Mismatches:
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779.00
83.02%
68.40%
                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                         Percent Similarity:
Best Local Similarity:
 RESULT 10
US-10-044-090-283
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Sequence 20, Application US/10331329
Publication No. US20030180267A1
GENERAL INFORMATION:
APPLICANT: HARRINGTOM, JOHN J.
APPLICANT: HARRINGTOM, JOHN J.
APPLICANT: SHERF, ERUCE
APPLICANT: SHERF, ERUCE
TITLE OF INVENTION: ENDOGENOUS
FILE REFERENCE: 021-0003COM
CURRENT APPLICATION NUMBER: US/10/331,329
CURRENT APPLICATION NUMBER: US/26,820
FRICR APPLICATION NUMBER: 09/263,814
FRICR APPLICATION NUMBER: 09/263,814
FRICR APPLICATION NUMBER: 09/263,814
FRICR APPLICATION NUMBER: 09/263,814
FRICR FILING DATE: 1999-02-19
FRICR FILING DATE: 1997-09-26
NUMBER OF SEQ ID NOS: 33
SOFTWARE E PALEGATION NUMBER: 08/941,223
FRICR FILING DATE: 1997-09-26
NUMBER OF SEQ ID NOS: 33
SOFTWARE E PALEGATIN VUMBER: 08/941,223
FRICR FILING DATE: 1997-09-26
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PALEGATIN VUMBER: 08/941,223
FRICR FILING DATE: 1997-09-26
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PALEGATIN VUMBER: 08/941,223
TYPE: DAA
TYPE: DAA

TYPE: DAA

CRGANISM: HOMO SADIENS
US-10-331-329-20
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                                                     PheGlulleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPheArg
                                                                                      TITGAAATICCAGACAAGITIGITGITGGATAIGCCCTIGACTATAATGAGTACTICAGG
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US-09-925-12-13
US-09-925-13-13
US-09-925-13-13
Sequence 13, Application US/09925192
Publication No. US20040096452A1
GENERAL INFORMATION
APPLICARY: Denney, Jr., Dan W.
TITLE OF INVENTION: Vaccines for Treatment of Lymphoma and Leukemia
FILE REPRENCE: GENTIOPE-06493
CURRENT APPLICATION NUMBER: US/09/925,192
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 80
SOFTWARE: Patentin version 3.2
SEQ ID NO 13
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Matches:
Conservative:
Mismatches:
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772.00
83.02%
67.92%
69.18%
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LOCATION: (88)..(741)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Percent Similarity:
Best Local Similarity:
Query Match:
DB:
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US-09-925-192-13
                    568
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4406 CATCACATTGTAGCCCTCTGTGTGCTCCAAGGGGGGCTATAAAATTCTTTGCTGACCTGCTG
                  PheGluIleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPheArg
                                                                                                      628 TITGAAATICCAGACAAGITIGITGTIGGATATGCCCTIGACTATAATGAGTACTICAGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MetAlaThr---ArgSerProGlyValVallleMetAspAspTrpProGlyTyrAspLeu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              40 GlylleileValAspArglleGluArgleuAlaLysAspIleMetLysAspIleGlyTyr
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145
31
36
1
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                                                                                                                                                            Matches:
Conservative:
Mismatches:
Indels:
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09 441 09 6 09 441 09 8 09 445 09 8 00 10 00 465 00 10 00 465 00 10 00 465 00 10 00 465 00 10 00 465 00 10 00 465 00 10 00 465 00 10 00 465 00 10 0	0 GIYILEILEVALASPAKGILEGIUARGLEUALALYSASPILEMELLYSASPILEGIYTYr 59	0 SeraspileMetValLeuCysValLeuLysGlyGlyTyrLysPheCysAlaAspLeuVal 79	0 m	O IleargleulysSerfyrargasnaspGlnSerMetGlyGluMetGlnIleIleGlyGly 119	20 GlyAspLeuSerThrLeuAlaGlyLysAsnPheLeulleValGluAspValValGlyThr 139	0 GlyargThrMetLysalaLeuLeuSerAsnIleGluLysTyrLysProAsnWetIleLys 159	0 ValalaserLeubeuVallysArgThrSerArgSerAspGlyPheArgProAspTyrala 179	80 GlyPheGlulleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPhe 199	ArgaspleuasnHislleCysVallleAsnGluHisGl	RESULT 15 191-803-870 Sequence 870, Application US/10191803 Publication No. US20040014040A1 SENERGE 870, Application US/10191803 Publication No. US20040014040A1 GENERAL INFORMATION: APPLICANT: BENENGER, Mark APPLICANT: HIGGS, Brandon APPLICANT: CASTLE, Arthur APPLICANT: US/10/191,803 CURRENT PILING DATE: 2002-07-10 PRIOR FILING DATE: 2001-07-17 PRIOR APPLICATION NUMBER: US 60/365,623 PRIOR FILING DATE: 2002-04-03 PRIOR FILING DATE: 2002-04-03 PRIOR FILING DATE: 2002-04-03 PRIOR APPLICATION NUMBER: US 60/369,351	Scores: 1.24e-93 Length: 853 768.00 Matches: 143
	4 441	6 447	4.5		1 46	y 140 5 4713	y 160	1 84	20	School 15 School 201-803- School 201-803- School 201-803- School 201-803- APPLICANT: PRIOR APPLIPMENT PRIOR	gnment d. No.: re:

1	cent Similarity: 67.45\$ t Local Similarity: 67.45\$ f 88.82\$ l Metch: MetalaThiragSerProGlyValv	Conserv Mismatc Indels: Gaps:	2 (1-212) x US-10-191-803-870 (1-853) MetalaThrArgSerProGlyValValIleMetaspaspTrpProGlyTyrAspLeuhan 20		9D > H	AspleuserThrieuAlaGlyLysAsnPheleulleValGlAspValValGlyThrGly 140	PhegluileProHisLeuPheValValGlyTyralaLeuAspTyrAsnGluTyrPheArg 200
	Simila atch: match: mat	83.0 67.4 68.8	-212) x US-1. aThrargserP::	levalaspargi -::: TATGGACAGGA emetvalleuC -::	eulysasniles :::: TTAAAGGGCTGA eulysSerTyrA	euSerThrieuA ICTCAACHTH ICTCAACHTH INMETLYSALAL INTHILISAACHTAACAGAACTT CAATGCAGACTT	lulleprohisle AAATTCCAGACAA AAATTCCAGACAA EUASDHislleCy

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GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd.
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OM protein - nucleic search, using frame_plus_p2n model

August 28, 2004, 14:49:52; Search time 83 Seconds (without alignments) 1417.465 Million cell updates/sec Run on:

US-09-902-705-2 1116 1 MATRSPGVVIMDDWPGYDLN.....LDYNEYFRDLNHICVINEHG 212 Title: Perfect score:

BLOSUM62 Xgapop 10.0 , Xgapext Ygapop 10.0 , Ygapext Fgapop 6.0 , Fgapext Delop 6.0 , Delext Scoring table: Sequence:

682709 segs, 277475446 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Command line parameters:

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-O-(cgn2_1/USPTO_spool/US09902705/runat_23082004_101846_6276/app_query.fasta_1.391
-D=16sued Patents Na -OFMT=fastap -SUPFIX=rni -MINMATCH=0.1 -LOOPCIS=0
-DES=16sued Patents Na -OFMT=fastap -SUPFIX=rni -MINMATCH=0.1 -LOOPCIS=0
-LOOPEXT=0 -UNITS=bits -START=1 -ENUE-1 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR_SCORE=pct -THR_MAX=100 -THR_MIN=0 -ALIGN=15
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-DEV_TIMEOUT=120 -WARN TIMBOOUT=30 -THREADS=1 -XGAPOP=0 -XGAPEXT=0.5 -FGAPOP=6

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/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:* Issued Patents NA:* 1 2 6 4 5 6

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 1, Appli	Sequence 19, Appl	Sequence 1298, Ap	Sequence 13, Appl	Sequence 13, Appl		Sequence 20, Appl				20,	
	ID	US-09-189-833B-1	US-09-786-240-19	US-09-023-655-1298	US-08-644-664B-13	US-08-761-277A-13	US-09-479-122-20	US-09-484-997-20	US-09-481-355-20	US-09-481-282-20	US-09-455-659A-20	US-09-484-996-20	115-09-479-123-20
	DB	4	4	4	-	N	4	4	4	4	4	4	4
	Length	1386	1927	1331	1289	1289	5247	5247	5247	5247	5247	5247	5247
dю	Query Match	100.0	95.8	8.69	69.2	69.2	68.9	68.9	68.8	68.8	68.8	68.8	o a y
	Score	1116	1069	779	772	772	768.5	768.5	768.5	768.5	768.5	768.5	768 5
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Sequence 27, Appl	equence 27,	e 27,	equence 27,	equence 27,	equence 27,	equence 27,	equence 223,	equence 992,	햠	ģ	еq	Sequence 481, App	Sequence 2, Appli	Sequence 1, Appli	еq	Sequence 385, App	eq	Sequence 5319, Ap	Sequence 1796, Ap	មិ	eф	មួ	Sequence 1, Appli	Sequence 1, Appli	ਲ੍ਹ	1, App	2679,	equence 106,	1376,	equence 1, Appl	е 1, ъ	Sequence 3520, Ap
US-09-479-122-27	97-2	-09-481-355-2	39-481-282-2	59A-	09-484-996	-123-	09-023-65	09-107-53	8-987-123	3-961-527-	3-956-171E	9-134-001C-4	-103-840A-	9-103-840A-	9-221	9-540-236-38	9-596-002-2	531	9-543-681A-	3-631-751A-1	-09-328-352-8	-790-	US-09-557-884-1	-09-64	9-25	-08-545	-09-134	-08-961-527-10	-09-1	09-557-884-1	S-09-643-990A-1	US-09-489-039A-3520
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7,68.5	16	168	168	168	168	768	7	263	247	247	239	238	227	227	210	CN	CA	202	-	_	_	_	-	_	162	135	125	122		118	118	116
13	14	15	16	17	18	5	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	9	40	41	42	43	44	45
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ALIGNMENTS ALIGNMENTS

Sequence 1, Application US/09189833B

Sequence 1, Application US/09189833B

Patent No. 6653446

GENERAL INFORMATION:

APPLICANT: Bednarik et al.

TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2

FILE REFERENCE: PF138P1D1

CURRENT APPLICATION NUMBER: US/09/189,833B

CURRENT FILING DATE: 1998-11-12

PRIOR FILING DATE: 1998-11-12

PRIOR FILING DATE: 1998-11-12

NUMBER OF SEQ ID NOS: 11

SOFTWARE: Patentin version 3.0

SEQ ID NO 1

LENGTH: 1386 ; NAME/KEY: CDS ; LOCATION: (626)..(1264) US-09-189-833B-1 TYPE: DNA ORGANISM: Homo sapiens US-09-189-833B-1

Length:
Matches:
Conservative:
Mismatches:
Indels: Gaps: 1.77e-145 1116.00 100.00% 100.00% 100.00% Percent Similarity: Best Local Similarity: Alignment Scores: Pred. No.: Query Match:

US-09-902-705-2 (1-212) x US-09-189-833B-1 (1-1386)

MetAlaThrArgSerProGlyValValIleMetAspAspTrpProGlyTyrAspLeuAsn 20

Alignment Scores: 1.06e-138 Length: 1927 Score: 1069.00 Marches: 203 Percent Similarity: 99.51\$ Conservative: 2 Best Local Similarity: 98.54\$ Mismatches: 1 Query Match: 4 Gaps: 0 DB: 4 Gaps: 0 US-09-902-705-2 (1-212) x US-09-786-240-19 (1-1927)	Oy 7 GlyValValileMetAspAspTrpProGlyTyrAspLeuAsnLeuBheThrTyrProGln 26	Qy 27 HisfyrfyrglyaspLeuGlufyrValLeulleProHisGlyllelleValaspargile 46	Oy 47 GluargleualalysaspileNetlysaspileGlyTyrseraspileMetValleuCys 66	Qy 67 ValLeulysGlyClyTyrLysPheCysAlaAspLeuValGluHisLeuLysAsnIleSer 86	Qy 87 ArgAsnSerAspArgPheValSerMetLysValAspPhelleArgLeuLysSerTyrArg 106	Qy 107 AsnaspGlnSerWetGlyGluNetGlnIlelleGlyGlyGlydspLeuSerThrLeuala 126	Qy 127 GlyLysAsnPheLeulleValGluAspValValGlyThrGlyArgThrMetLysAlaLeu 146	Qy 147 LeuSerAsnileGluLysTyrLysProAsnMetileLysValAlaSerLeuLeuValLys 166	Qy 167 ArgThrSerArgSerAspGlyPheArgProAspTyrAlaGlyPheGluIleProHisLeu 186	Qy 187 PhevalvalGlyTyrAlaLeuAspTyrAsnGluTyrPheArgAspLeuAsnHisTleCys 206	Qy 207 ValileAsnGluHisGly 212 	RESULT 3 US-09-023-655-1298 Sequence 1298, Application US/09023655 Fatent No. 6607879 BENERAL INFORMATION APPLICANT: Cocks, Benjamin G. APPLICANT: Susan G. Stuart APPLICANT: Susan G. Stalhamer TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 1586 CORRESPONDENCE ADDRESS: ADDRESSES: INVENTED PRIVE BLANDACEUTICALS, INC. STREET: 3174 PORTER DRIVE CITY: PALO ALTO STRATE: CALIFORNIA COUNTRY: USA ZIP: 94304
	Oy 61 ASDILEMCLYSValLeuLySGlyGlyTyrLySPheCysAlaAsDLeuValGlu 80	Cy 81 HisLouLysAsnIleSerArgAsnSerAspArgPheValSerWetLysValAspPheIle 100	Qy 101 argleuLysSerTyrargAsnAspGlnSerMetGlnGluMetGlnIleIleGlyGlyGly 120 Db 926 AGACTAAAAATTACAGGAATGACCAGTCCATGGGTGAGATGCAGATAATCGGAGGGGGT 985	Qy 121 AspleuSerThrLeuAlaGlyLysAsnPheLeuIleValGluAspValValGlyThrGly 140 Db 986 GATCTTTCAACGCTGGAAAGAATTTTCTCATTGAGGATGTTGTGGAACTGG 1045	Qy 141 ArgThrMetLysAlaLeuLeuSerAsnIleGluLysTyrLysBroAsnMetIleLysVal 160	Oy 161 AlaSerLeubeuVallysArgThrSerArgSerAspGlyPheArgProAspTyrAlaGly 180	Qy 181 PheGluIleProHisLeuPheValValGlyTyralaLeuAspTyrasnGluTyrPheArg 200	Qy 201 AspleuAsnHisIleCysValIleAsnGluHisGly 212 Db 1226 GATCTGAATCACATAGGCGTCATCAATGAGCACGGG 1261	RESULT 2 US-09-786-240-19 ; Sequence 19, Application US/09786240	ΨŲ) APPLICANT: CORLEY, Neil C.) APPLICANT: GUEGLER, Karl J.) APPLICANT: BAUGHN, Mariah R.) APPLICANT: LAL, Preeti	HEGHIJH HIGK. "FO

685

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148 TIGITITGTATACCTAATCATTATGCCGAGGATTTGGAAAAAGTGTTTATTCCTCATGGA 207
161 AlaSerLeuLeuValLysArgThrSerArgSerAspGlyPheArgProAspTyrAlaGly 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     88 ATGCCGACCCCAGCCAGCGTCGTGATTAGCGATGATGAAGCAGGTTATGACCTAGAT 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MetalaThrArgSerProGlyValValIleMetAspAspTrpProGlyTyrAspLeuAsn 20
                                                                                             21 LeuPheThrTyrProGlnHisTyrTyrGlyAspLeuGluTyrValLeuIleProHisGly
                                                                         PheGluIleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPheArg
                         1289
1444
32
36
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,664B
FILING DATE: 01-MAY-1996
CLASSIFICATION: 435
                                                                                                                                           201 AspleuAsnHisIleCysValileAsnGluHisGly 212
                                                                                                                                                                  Length:
Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                                                                                                                                                                    Sequence 13, Application US/08644664B
Patent No. 5776746
GENERAL INFORMATION:
TILLE OF INVENTION: Gene Amplication Methods
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40.27
REFERENCE/DOCKET NUMBER: GENITOPE-00912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
TIY: San Francisco
STATE: California
COUNTRY: United States Of America
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772.00
83.02%
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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US-08-644-664B-13
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No.:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   146 TTATTTTGCATACCTAATCATTATGCTGAGGATTTGGAAAGGGTGTTTATTCCTCATGGA 205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         41 lleileValAspArgileGluArgLeuAlaLysAspIleMetLysAspIleGlyTyrSer 60
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITH
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative:
Mismatches:
Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-902-705-2 (1-212) x US-09-023-655-1298 (1-1331)
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Matches:
                                                                                                                                                                                                                                                                                                PA-0001
                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-00
TELECOMMUNICATION INFORMATION:
TELEPAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1298:
SEQUENCE CHARACTERISTICS:
LENGTH: 131 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.58e-98
779.00
83.02%
68.40%
                                                                                                                                                                PRIOR APPLICATION DATA: APPLICATION NUMBER:
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; CLONE: 932449
US-09-023-655-1298
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Query Match:
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RESULT 6
US-09-479-122-20
Sequence 20, Application US/09479122
Patent No. 6410266
GENERAL INFORMATION:
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: SHERF, BRUCE
APPLICANT: RUNDLETT, STEPHEN
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    101 ArgleulysSerTyrArgAsnAspGlnSerMetGlyGluMetGlnIleIleGlyGlyGly 120
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32 34
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Matches:
Conservative:
Mismatches:
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                                                        TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
  1289 base pairs
                                                                                                                                                                                                                               772.00
83.02%
67.92%
69.18%
                  TYPE: nucleic acid
STRANDEDNESS: double
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Best Local Similarity:
                                                                                                                 NAME/KEY: CDS
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US-08-761-277A-13
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                    268 CACATIGIGGCCCTCTGTGTGTGCTCAAGGGGGGCTATAAGTTCTTTGCTGACTGCTGGAT 327
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IleileValAspArgIleGluArgLeuAlaLysAspIleMetLysAspIleGlyTyrSer 60
                                                                           AspileMetValLeuCysValLeuLysGlyGlyTyrLysPheCysAlaAspLeuValGlu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TTTGAAATTCCAGACAAGTTTGTTGTTGGATATGCCCCTTGACTATAATGAGTACTTCAGG
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TITLE OF INVENTION: Vaccines For Treatment Of Lymphoma And
TITLE OF INVENTION: Leukemia
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,277A
FILING DATE: 06-DEC-1996
CLASSIFICATION: 424
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
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REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: GENITOPE-02406
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
ITELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/644,664
FILING DATE: 01-MAY-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 5
US-08-761-277A-13
Sequence 13, Application US/08761277A
Patent No. 5972334
GENERAL INFORMATION:
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us-09-902-705-2.rni

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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SHERF, BRUCE
APPLICANT: SHERF, BRUCE
TITLE OF INVENTION: GTEPHEN
TITLE OF INVENTION: ENDOGENOUS GENES
TITLE OF INVENTION: ONDER: US/09/484,997
CURRENT APPLICATION NUMBER: US/276,820
PRIOR APPLICATION NUMBER: 09/159,643
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: 09/159,643
PRIOR PILING DATE: 1999-03-64
PRIOR APPLICATION NUMBER: 09/263,814
PRIOR PILING DATE: 1999-02-6
PRIOR APPLICATION NUMBER: 09/253,022
PRIOR PILING DATE: 1999-02-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1586 GATGATCTCTCAACTTTAACTGGAAAGAATGTCTTGATTGTGGAAGATATAATTGACACT 4645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4226 Argecracaegrescaecerescerestearrasseareareareaeceaegrangaecer 4285
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145
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        4826 AGGGATTTGAATCATGTTTTGTGTCATTAGTGAAACTGGA 4864
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Matches:
Conservative:
Mismatches:
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                                                                                                                                         Sequence 20, Application US/09484997
Patent No. 6524818
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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Best Local Similarity:
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US-09-484-997-20
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FILE OF INVENTION: ENDOGENOUS GENES
FILE REFERENCE: 0221-0003C
CURRENT APPLICATION NUMBER: US/09/479,122
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: 09/276,820
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: 09/159,643
PRIOR APPLICATION NUMBER: 09/159,643
PRIOR APPLICATION NUMBER: 09/23,814
PRIOR PILING DATE: 1999-03-08
PRIOR PLING DATE: 1999-03-08
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ORGANISM: Homo sapiens
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Best Local Similarity:
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LENGTH: 5247
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Sequence 20, Application US/09481282

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Sequence 20, Application US/09481282

Sequence 20, Application US/09481282

Sequence 20, Application

APPLICANT: HARRINGTON:

APPLICANT: BEREF, BRUG

TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF

TILLE OF INVENTION: ENROGENCE GENES

TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF

TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF

TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF

FILE REFERENCE: 0221-0003US

CURRENT APPLICATION NUMBER: US/09/481,283

PRIOR APPLICATION NUMBER: 09/159,643

PRIOR APPLICATION NUMBER: 09/263,814

PRIOR APPLICATION NUMBER: 09/263,814

PRIOR APPLICATION NUMBER: 09/253,022

PRIOR PLING DATE: 1999-03-08

PRIOR APPLICATION NUMBER: 09/253,022

PRIOR PLING DATE: 1999-02-19

NUMBER OF SEQ ID NOS: 33

SOFTWARE PATENTIN VET: 2.1

SEQ ID NO 20

LENGTH: 5247
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4286 GATTTATTTTGCATACCTAATCATTATGCTGAGGATTTGGAAAGGGTGTTTATTCCTCAT 4345
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GATTACATCAAAGCACTGAATAGAAATAGTGATAGATCCATTCCTATGACTGTAGATTTT
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                                                                                                              GlyArgThrMetLysAlaLeuLeuSerAsnIleGluLysTyrLysProAsnMetIleLys
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US-09-481-355-20

Sequence Co. Application US/09481355

Patent No. 6524624

GENERAL INFORMATION:
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: RIBER, BRUCE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF TITLE OF INVENTION: ENDOGENOUS GENES
TITLE OF INVENTION: COMPOSITIONS GENES
TITLE OF INVENTION: ENDOGENOUS GENES
FILE REFERENCE: 1021-003F

CURRENT FILING DATE: 2000-01-12
PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-04

PRIOR FILING DATE: 1999-03-08

PRIOR FILING DATE: 1990-03-08

PRIOR FILING DATE: 1990-03-08
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1286 GATTIATITIGCATACCTAATIATGCTGAGGATTIGGAAAGGGTGTTTATICCTCA1 4345
        4766 GGATTTGAAATTCCAGACAAGTTTGTTGTAGGATATGCCCCTTGACTATAATGATTC 4825
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Best Local Similarity:
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Query Match: 68.86% Indels: 1 DB: 4 Gaps: 1 US-09-902-705-2 (1-212) x US-09-455-659A-20 (1-5247)	Oy 1 MetalathrArgSerProGlyValVallleWetAspAspTrpProGlyTyrAspLeu 19 	Qy 20 ASNLGUPHGThrTyrProGlnHisTyrTyrGlyAspLeuGluTyrValLeuIleProHis 39 :::	Qy 40 GlyllelleValAspargıleGluargLeuAlaLysAspıleMetLysAspılleGlyTyr 59	Oy 60 SerAspileMetValLeuCysValLeuLysGlyGlyTyrLysPheCysAlaAspLeuVal 79	Qy 80 GluHisLeuLysAsnIleSerArgAsnSerAspArgPheValSerMetLysValAspPhe 99 :::::::	Qy 100 IleargleulysSerTyrargasnaspGlnSerWetGlyGluMetGlnIleileGlyGly 119	Qy 120 GlyAspLeuSerThrLeuAlaGlyLvsAsnPheLeulleValGluAspValValGlyThr 139	Oy 140 GlyArgThrMetLysAlaLeuLeuSerAsnIleGluLysTyrLysProAsnMetIleLys 159	Oy 160 ValAlaSerLeuLeuValLysArgThrSerArgSerAspGlyPheArgProAspTyrAla 179	Oy 180 GlyPheGluIleProHisLeuPheValValGlyTyrAlaLeuAspTyrAsnGluTyrPhe 199	Oy 200 ArgAspLeuAsnHisTleCysVallleAsnGluHisGly 212	RESULT 11 US-09-484-996-20 ; Sequence 20, Application US/09484996	w ac ac	APPLICANT: SHEEF, EXCEN APPLICANT: RUNDLETT, STEPHEN TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF TITLE OF INVENTION: ENDOGENOUS GENES	; FILE REFERENCE: 0221-0003H ; CURRENT APPLICATION NUMBER: US/09/484,996 ; CURRENT FILING DATE: 2000-01-18 ; PRIOR APPLICATION NUMBER: 09/276,820 ; PRIOR PILING DATE: 1999-03-26	FRICK AFFILING NOTHER: 09/203,01. FRICK FILING DATE: 1998-03-08 FRICK APPLICATION NUMBER: 09/253,022 PRICK APPLICATION NUMBER: 09/253,022	
Oy 40 GlyllelleValAspArgIleGluArgLeuAlaLysAspIleMetLysAspIleGlyTyr 59	Oy 60 SerAspileMetValLeuCysValLeuLysGlyGlyTyrLysPheCysAlaAspLeuVal 79	Oy 80 GluHisLeuLysAsnIleSerArgAsnSerAspArgPheValSerMetLysValAspPhe 99	Oy 100 IleargLeulysSerTyrargasnaspGlnSerMetGlyGlumetGlnIleIleGlyGly 119	Qy 120 GlyAspLeuSerThrLeuAlaGlyLysAsnPheLeuIleValGluAspValValGlyThr 139 	Qy 140 GlyargThrMetLysAlaLeuLeuSerAsnIleGluLysTyrLysProAsnMetIleLys 159	Oy 160 ValAlaSerLeuLeuValLysArgThrSerArgSerAspGlyPheArgProAspTyrAla 179	Qy 180 GlyPheGluileProHisLeuPheValValGlyTyrAlaLeuAspTyrAshGluTyrPhe 199	Oy 200 ArgaspleuasnHisIleCysValIleAsnGlUHisGly 212	RESULT 10 US-09-455-659A-20 ; Sequence 20, Application US/09455659A		APPLICANT: RUNDLETT, STEPHEN ITTLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF ITTLE OF INVENTION: ENDOGENOUS GENES PILE REFERENCE: 0221-0003A	; CURRENT APPLICATION NUMBER: US/09/455,659A ; CURRENT FILING DATE: 1999-12-07 ; PRIOR APPLICATION NUMBER: 09/276,820 : PRIOR FILING DATE: 1999-03-26		; PRIOR FILING DATE: 1999-02-19 ; PRIOR APPLICATION NUMBER: 09/159,643 ; PRIOR FILING DATE: 1998-09-24 ; PRIOR APPLICATION NUMBER: 08/941,223	PRIOR NUMBEI SOFTWI SEQ ID LENGT	; TYPE: DNA ; ORGANISM: Homo sapiens US-09-455-659A-20	Alignment Scores: Scores No.: 3.97e-96 Length: 5247 Score 768.50 Matches: 145 Percent Similarity: 82.63% Conservative: 31 Best Local Similarity: 68.08% Mismatches: 36

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CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: 09/263,814
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: 09/253,022
PRIOR FILING DATE: 1999-02-19
PRIOR FILING DATE: 1999-02-19
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1997-09-26
NUMBER: 0F SEQ ID NOS: 33
SOFTWARE: PAECHLIN Ver: 2.1
SEQ ID NO 20
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768.50
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TYPE: DNA
ORGANISM: Homo sapiens
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GGACTAATTATGGACAGGACTGAACGTCTTGCTCGAGATGTGATGAAGGAGATGGGAGGC 4405
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APPLICANT: HARRINGTON, JOHN J.
APPLICANT: SHERF, BRUCE
APPLICANT: RUNDLETT, STEPHEN
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF
TITLE OF INVENTION: ENDOGRNOUS GENES
FILE REFERENCE: 0.221-0.0039
CURRENT APPLICATION NUMBER: US/09/479,123
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Matches:
Conservative:
Mismatches:
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Patent No. 6670185
GENERAL INFORMATION:
                                                                                                              3.97e-96
768.50
82.63%
68.08%
68.86%
     2.7
                                           TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                        Percent Similarity:
Best Local Similarity:
    SOFTWARE: Patentin
SEQ ID NO 20
                                                                                                   Alignment Scores:
                              LENGTH: 5247
                                                           ; ORGANISM: Hon
US-09-484-996-20
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Length:
Matches:
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Mismatches:
Indels:
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US-US-484-99/-2/
) Sequence 27, Application US/09484997

Fatent No. 6524818

GENERAL INFORMATION:
APPLICANT: HAREINGTON, JOHN J.
APPLICANT: HAREINGTON, JOHN J.
APPLICANT: HAREINGTON, JOHN J.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF TITLE OF INVENTION: COMPOSITIONS GENES
FILE REFERENCE: 0221-0003J
CURRENT FILING DATE: 1090-01-18
PRIOR FILING DATE: 1990-01-26
PRIOR APPLICATION NUMBER: 09/276,820
PRIOR APPLICATION NUMBER: 09/276,820
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1999-09-26
PRIOR PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-02-03-08
PRIOR FILING DATE: 1999-02-19
PRIOR PRIOR PAPELICATION NUMBER: 09/253,022
PRIOR PRIOR PAPELICATION NUMBER: 09/253,022
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CORGANISM: Homo sapiens
US-09-484-997-27
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Sequence 27, Application US/09479122
Patent No. 6410266
SGDERAL INPORMATION:
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: HARRINGTON, JOHN J.
APPLICANT: SHERF, BRUCE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF TITLE OF INVENTION: ENDOGENOUS GENES
FILE REPREBACE: 0221-0003C
CURRENT APPLICATION NUMBER: US/09/479,122
CURRENT APPLICATION NUMBER: 09/276,820
PRIOR FILING DATE: 1999-03-03
PRIOR FILING DATE: 1999-03-04
PRIOR APPLICATION NUMBER: 09/159,643
PRIOR APPLICATION NUMBER: 09/263,814
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: 09/263,814
PRIOR FILING DATE: 1999-03-06
PRIOR APPLICATION NUMBER: 09/263,814
PRIOR FILING DATE: 1999-03-06
PRIOR PILING DATE: 1999-03-07
PRIOR FILING DATE: 1999-03-07
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Factor No. 6524824

GENERAL INFORMATION:

APPLICANT: HARRINGTON, JOHN J.

APPLICANT: HARRINGTON, JOHN J.

APPLICANT: HARRINGTON, JOHN J.

APPLICANT: RUNDLETT, STEPHEN

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NON-TARGETED ACTIVATION OF

TITLE OF INVENTION: DADGENOUS GENES

FILE REFERENCE: 0221-0003F

CURRENT APPLICATION NUMBER: 09/276, 820

PRIOR FILING DATE: 1999-03.26

PRIOR FILING DATE: 1999-03.28

PRIOR FILING DATE: 1999-03.28

PRIOR FILING DATE: 1999-03.28

PRIOR FILING DATE: 1999-03-08

SOFTWARER PROPERMENT OF SEQ ID NOS: 33

SOFTWARER PAREL PATENTION OF SEQ ID NOS: 33

SOFTWARER PATENTION OF SEQ ID NOS: 33

SOFTWARER PATENTION OF SEQ ID NOS: 33
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 1593 ATCAGACTGAAGAGCTATTGTAATGACCAGTCAACAGGGGACATAAAAGTAATTGGTGGA 4652
                                                                                                         GlyArgThrMetLysAlaLeuLeuSerAsnIleGluLysTyrLysProAsnMetIleLys 159
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August 28, 2004, 09:53:30 ; Search time 103 Seconds (without alignments) 106.259 Million cell updates/sec

US-09-902-705-2 1116 1 MATRSPGVVIMDDWPGYDLN......LDYNEYFRDLNHICVINEHG 212 Title: Perfect score: Sequence:

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389414 segs, 51625971 residues Searched:

389414 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

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2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
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SUMMARIES

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Score	1116	786	772	446.5	263.5	238.5	210	202.5	194	190	157	125.5	119	96	96	68	88.5	87	87	87	87	85.5	84.5
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Sequence 5898, Ap Sequence 31321, A Sequence 4797, Ap Sequence 6107, Ap Sequence 6451, Ap Sequence 4, Appli	Sequence 4, Appli Sequence 3277, A Sequence 4, Appli Sequence 2247, Ap	262412
1 1 1 1 1 1 1	US-10-270-085-4 US-09-252-991A-32777 US-08-315-468- US-09-540-236-2247 US-09-543-681Pa-7414	
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222 834 415 415 10338 10338	1038 503 1169 219	1218 253 641 181 1454
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ALIGNMENTS

Sequence 2, Application US/09189833B
Sequence 2, Application US/09189833B
Patent No. 665346
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine (Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PRISHING
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-11-12
PRIOR FILING DATE: 1998-11-12
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SOFFWARE: Patentin version 3.0
SSEQ ID NO 2 61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120 61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120 9 9 1 MATRSPGVVIMDDWFGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYS 1 MATRSPGVVIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYS 0; Gaps Query Match 100.0%; Score 1116; DB 4; Length 212; Best Local Similarity 100.0%; Pred. No. 5.2e-125; Matches 212; Conservative 0; Mismatches 0; Indels 0 TYPE: PRT ORGANISM: Homo sapiens US-09-189-833B-2 212 g ò q 8

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DLSTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180 181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212 RESULT 2
US-09-786-240-4
; Sequence 4, Application US/09786240
; Patent No. 6558935
; GENERAL INFORMATION:
; APPLICANT: INCYTE PHARMACEUTICALS, INC.
; APPLICANT: TANG, Y. TOM 121 181 ò 셤 ò 엄

Mon Aug 30 07:04:09 2004

; ORGANISM: Homo sapiens US-09-189-8338-7 RESULT 4 US-09-189-833B-7 181 ò g g ઠે q à g à ð Sequence 8, Application US/09189833B
Patent No. 6653446
Patent No. 6653446
Patent No. 6653446
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2 FILE REPERBYCE: PP138P101
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-11-12
PRIOR APPLICATION NUMBER: US 08/461,031
PRIOR PILING DATE: 1995-06-05
PRIOR PILING DATE: 1994-10-19
NUMBER OF SEQ 1D NOS: 11 ö 186 67 VLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGGDLSTLA 126 133 134 GKNVLIVEDVVGTGRTMKALLSNIEKYRPNMIKVASLLVKRTSRSDGFRPDYAGFEIPNL 193 99 73 14 GVVIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYSDIMVLC 74 VLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGGDLSTLA 127 GKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHL 7 GVVIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYSDIMVLC Gaps ; 0 Query Match 95.8%; Score 1069; DB 4; Length 225; Best Local Similarity 98.5%; Pred. No. 2.4e-119; Matches 203; Conservative 2; Mismatches 1; Indels 70.4%; Score 786; DB 4; Length 218; 69.3%; Pred. No. 1.4e-85; tive 30; Mismatches 35; Indels NAME/KEY: misc_feature OTHER INFORMATION: Incyte ID No. 6558935 1404963CD1), ORGANISM: Cricetulus longicaudatus US-09-189-833B-8 SOFTWARE: PatentIn version 3.0 Query Match Best Local Similarity 69.3% Matches 147; Conservative RESULT 3 US-09-189-833B-8 SEQ ID NO 8 LENGTH: 218 TYPE: PRT US-09-786-240-4 ઠે a ઠે g ò ò d

DEPLICANT: Bednaria to the state of the stat ö 121 DLSTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180 121 DLSTLIGKAVLIVEDIIDIGKIMQTLLSLVKRYNPRAVKVASLLVKRISRSVGYRPDFVG 180 121 DLSTLTGKAVLIVEDIIDTGKTMQTLLSLVRQYNPKAVKVASLLVKKTPRSVGYKPDFVG 180 61 HIVALCVLKGGYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIXVIGGD 120 DISTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRISRSDGFRPDYAG 180 1 MATRSPGVVISDDEPGYDLDLFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKEMGGH 60 1 MATRSPSVVISDDEPGYDLDLFCIPNHYVEDLEKVFIPHGVIMDRTERLARDVMKEMGGH 60 61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 1 MATRSPGVVIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYS 69.8%; Score 779; DB 4; Length 218; 68.4%; Pred. No. 9.8e-85; Indels RESULT 5
US-08-644-664B-14
; Sequence 14, Application US/08644664B
; Patent No. 5776746
; GENERAL INFORMATION:
; APPLICANT: Denney Jr., Dan W.
TITLE OF INVENTION: Gene Amplication Methods
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
ZIP: 94104 181 FEIPDKFVVGYALDYNEYFRDLNHICVISETG 212 181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212 181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212 31; Mismatches FEIPDKFVVGYALDYNEYFRDLNHVCVISETG Sequence 7, Application US/09189833B Patent No. 6653446 GENERAL INFORMATION: Query Match
Best Local Similarity 68.4[§]
Matches 145; Conservative qq ò g ò

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 MPTRSPSVVISDDEPGYDLDLFCIPNHYAEDLEKVFIPHGLIMDRTERLARDVMKEMGGH 60
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US-08-761-277A-14
Squence 14, Application US/08761277A
Squence 11 Denney Jr., Dan W.
TITLE OF INVENTION: Vaccines For Treatment Of Lymphoma And TITLE OF INVENTION: Leukemia
NUMBBER OF SACHENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEB: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
STREET: California
COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      69.2%; Score 772; DB 1; Length 218; 67.9%; Pred. No. 6.7e-84;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,277A
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,664B
FILING DATE: 01-MAY-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 36;
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                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION UNDERER: 40.27
REFERENCE/DOCKET NUMBER: GENITOPE-00912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHAPACTERETSTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               32; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      UMBER: US/08/761,277A
06-DEC-1996
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APPLICATION NUMBER: US 08/644,664
FILING DATE: 01-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                   : 218 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 67.9%
Matches 144; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
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CLASSIFICATION:
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61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           :|: ||| |||: |||||: |||||: ||:|| EIV-SEDLSCLKGKHVLIVETIKTVAIACLFIKRTPLWNGF 184
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                                                                                                                                                                                                                                                                                            Length 218
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40.0%; Score 446.5; DB 4;
Best Local Similarity 42.7%; Pred. No. 5.6e-45;
Matches 93; Conservative 41; Mismatches 73;
                                                                                                                                                                                                                                                                                        Query Match
69.2%; Score 772; DB 2;
Best Local Similarity 67.9%; Pred. No. 6.7e-84;
Matches 144; Conservative 32; Mismatches 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  181 FEIPDKFVVGYALDYNEYFRNLNHVCVISETG 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         181 PEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
ATTORNEY/AGENT INFORMATION:

NAME: MacKnight, Kanrin T.

REGISTRATION NUMBER: 38,230

REFERENCE/DOCKET NUMBER: GENITOPE-02406

TELEPHONE: (415) 705-8410

TELEPHONE: (415) 397-8338

INFORMATION FOR ERQ ID NO: 14:

ENGURATION FOR ERQ ID NO: 14:

LENGTH: 218 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Plasmodium falciparum
                                                                                                                                                                                LENGTH: 218 amino acids TYPE: amino acid
                                                                                                                                                                                                                                   / MOLECULE TYPE: protein US-08-761-277A-14
                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-189-833B-9
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APPLICANT: Lynn Doucette-Stamm et al TITLE OF INVENTOION:
APPLICANT: Lynn Doucette-Stamm et al TITLE OF INVENTOION:
TITLE OF INVENTOION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCU TITLE OF INVENTOION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1996-08-13
PRIOR FILING DATE: 1997-11-08
PRIOR FILING DATE: 1997-10-08
PRIOR FILING DATE: 1997-08-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10, Application US/09189833B
Patent No. 655346
GENERAL INFORMATION:
APPLICANT: Bednarik et al.
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2 TITLE REFERENCE: PF138PLD
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: US 08/461,031
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        83 KNISRNSDRFVSMKVDFIRLKSYR-NDQSMGEMQIIGGGDL-STLAGKNFLIVEDVVGTG 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      D----THLSIDFMDVSSYHGGTESTGEVQIL--KDLGASIENKDVLIIEDILETG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  141 RIMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHLFVVGYALDYNEYFR 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6 DLKNVLLS-----EEDIQNICKEMGAIITEDYKDRPLVCVGILKGSVMFMADLIKRI 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             31 DLEYVLIPHGIIVDRIERLAKDIMKDIG-----YSDIMVLCV--LKGGYKFCADLVEHL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 21.4%; Score 238.5; DB 4; Best Local Similarity 33.5%; Pred. No. 2.7e-20; Matches 62; Conservative 38; Mismatches 56;
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19.9%; Score 222.5; DB 4;
Best Local Similarity 29.3%; Pred. No. 2.8e-18;
Matches 54; Conservative 46; Mismatches 65;
                                                                                                                                                            Sequence 3318, Application US/09134001C Patent No. 6380370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Staphylococcus epidermidis
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ORGANISM: Trypanosoma brucei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                201 DLNHI 205
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208 I 208
                                          192 L 192
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US-09-189-833B-10
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LENGTH: 210
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                                                                                                                                                                                Sequence 4646, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND ANINO ACID SEQUENCES RELATING TO
ENTEROCOCCUS FAECTUM FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     149 NIEKY-KPNMIKVASLLVKRISRSDGFRPDYAGFEIPHLFVVGYALDYNEYFRDLNHICV 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24 DIERILISQEEIQVRCKELGKELTEIYQNTNPLVVGVLKGAVPFWADIV-----RSID 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              31 DLEYVLIPHGIIVDRIERLAKDIMKDIGYSDIMVLCVLKGGYKFCADLVEHLKNISRNSD 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels 15; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 23.6%; Score 263.5; DB 4; Length 200; Best Local Similarity 38.1%; Pred. No. 3.2e-23; Matches 69; Conservative 39; Mismatches 58; Indels 15
                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham
STATE: Massachusetts
COUNTRY: USA
                      175 RPDYAGFEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
                                               COMPUTER READABLE FORM:

MEDIUM TYPE: CD/ROM ISO9660

COMPUTER: PC

OPERATING SYSTEM: cUnknown>
SOFTWARE: ASCII

CURRENT APPLICATION DATA:

RILING DATE: 30-Jun-1998

PRIOR APPLICATION DATA:

PILING DATE: 14 May 1998

FILING DATE: 14 May 1998

FILING DATE: 14 May 1998

APPLICATION NUMBER: 60/051571

FILING DATE: JUNY 2, 1997

ATTORNEY AGENT INDERATION:
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;;
LOCATION: (B) LOCATION 1...200
SEQUENCE DESCRIPTION: SEQ ID NO: 4646:
US-09-107-532A-4646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Ariniello, Pamela Deneke
REGISTRATION UNDER: 40,489
REPERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (781)893-5007
TELEPAX: (781)893-8277
INFORMATION FOR SEQ. ID NO: 4646:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 200 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 7310
                                                                                                                                                            US-09-107-532A-4646
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PAGENTAL INCORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL.
TITLE OF INVENTION: UNCLEIC ACID AND THERAPEUTICS
FILE REFERENCE: 2709.1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT PAPLICATION NUMBER: US 60/128,706
PRIOR APPLICATION NUMBER: US 60/128,706
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 5968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER DIAGNOSTICS AND THERAPEUTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              150 IEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHLFVVGYALDYNEYFRDL---NHIC 206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93 VSMKVDFIRLKSYRNDQS-MGEMQIIGGGDLSTLAGKOFLIVEDVVGTGRTMKALLSNIE 151
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                                                                                                                                                                                                64 VPHEVDFMTASSYGSGMSTTRDVKILKDLD-EDIRGKDVLIVEDIIDSGNTLSKVREILS
                                                                                     35 VLIPHGIIVDRIERLAKDIMKDI--GYSDIMVLCVLKGGYKFCADLVEHLKNISRNSDRF
                                                                                                                                                                                                                                                                                        152 KYKPNMIKVASLLVKRISRSDGFRPDYAGFEIPHLFVVGYALDYNEYFRDLNHI
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                                                                                                               Length 184;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17.4%; Score 194; DB 4; Length 181; 28.8%; Pred. No. 5.5e-15; Live 41; Mismatches 72; Indels
                                            Indels
Query Match
18.1%; Score 202.5; DB 4;
Best Local Similarity 30.5%; Pred. No. 5.5e-16;
Matches 53; Conservative 38; Mismatches 70;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 4955, Application US/09328352; Patent No. 6562958; Patent No. 6562958; GENERAL INFORMATION: GENERAL INFORMATION: TITLE OF INVENTION: NUCLEIC ACID AND AMINO AN TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTIC; FILE REFERENCE: GTC99-03PA; CURRENT APPLICATION NUMBER: US/09/328,352; CURRENT FILING DATE: 1999-06-04; NUMBER OF SEQ ID NOS: 8252; LENGTH: 178
                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5968, Application US/09543681A Patent No. 6605709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ) ORGANISM: Proteus mirabilis US-09-543-681A-5968
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US-09-328-352-4965
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Matches 5
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APPLICANT: GARY L. Breton et al.
APPLICANT: GARY L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA CATAR
TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2005-001
CURRENT APPLICATION NUMBER: US/09/540,236
CURRENT FILING DATE: 2000-04-04
NUMBER OF SEQ ID NOS: 3840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 12490, Application US/09489039A

Parent No. 6610836
GENERAL INFORMATION
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
FILE REPERRENCE: 2709-2004001
CURRENT FILING DATE: 2000-01-27
FRICK APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 12490
LENGTH: 184
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                                                                                                                                        68 ---GDFGVPTRVEFLRASSYGHDTKSCGRVDVKADG-LCDIRGKHVLVLEDILDTALTLR 123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SRNSDRFVSMKVDFIRLKSYRND-QSMGEMQIIGGGDLSTLAGKNFLIVEDVVGTGRTMK 144
                                                                                                                                                                                                     ALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHLFVVGYALDYNEYFRDLNH 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 21 BQIATKV-KELGVQISTHYQDSNKELVLVGLLRGSVIFMADL-----CRQIDK--THE 70
                                                     13 VLFTEAELHTRMRGVAQRIADD--YSNCNLKPLENPLVIVSVLKGSFVFTADMVRIL--- 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ERLAKDIMKDIG-----YSD----IMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMK 96
                           --- IMVLCVLKGGYKFCADLVEHLKNI 85
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18.8%; Score 210; DB 4;
Best Local Similarity 31.5%; Pred. No. 7e-17;
Matches 56; Conservative 43; Mismatches 5
                           VLIPHGIIVDRIERLAKDIMKDIGYSD-
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; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-12490
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT; ORGANISM: M.catarrhalis
US-09-540-236-2305
                                                                                                                                                                                                                                                                                          205 ICVI 208
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WVIL 187
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US-09-489-039A-12490
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RESULT 15

US-09-222-991A-31612

US-09-222-991A-31612

Sequence 30612, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

TITLE OF INVENTION: NUCLEIC ACID AND ANINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AUGUST 10996.136

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR PELING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

NUMBER OF SEQ ID NOS: 33142

LENGTH: 214
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                                                                                                                                                                                                                                                                                                       65 ----LDFMTVSSY-----GGGTTSSRDVKILKDLDGBIRGKDVLVVEDIIDSG 108
                                                                                                                                                                                                                                                                                                                                                    141 RIMKALLSNIEKYKPNMIKVASLLVKRISRSDGFRPDYAGFEIPHLFVVGYALDYNEYFR 200
                                                                                                                                                                                                                                                                                                                                                                                 46 IERLAKDIMKDIGYSDIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSY 105
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                                                                                                                                                                                            38; Gaps
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14.1%; Score 157; DB 4; Length 214;
Best Local Similarity 26.2%; Pred. No. 1.9e-10;
Matches 42; Conservative 36; Mismatches 66; Indels 16; Gaps
                                                                Query Match
17.0%; Score 190; DB 4; Length 178;
Best Local Similarity 26.0%; Pred. No. 1.6e-14;
Matches 50; Conservative 44; Mismatches 60; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      166 KRISRSDGFRPD----YAGFEIPHLFVVGYALDYNEYFRD 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               167 KEHERK--ARPDLKASFIGLYCADRYVFGYGMDYKGYWRN 204
; ORGANISM: Acinetobacter baumannii
US-09-328-352-4965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30612
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Search completed: August 28, 2004, 14:51:36 Job time : 105 secs



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August 28, 2004, 14:38:07; Search time 438 Seconds (without alignments) 152.278 Million cell updates/sec
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1116
1 MATRSPGVVIMDDWPGYDLN......LDYNEYFRDLNHICVINEHG 212
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1: \cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
2: \cgn2_6/ptodata/2/pubpaa/PCT_RWW_PUB.pep:*
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11: \cgn2_6/ptodata/2/pubpaa/US09E_PUBCOMB.pep:*
12: \cgn2_6/ptodata/2/pubpaa/US09E_PUBCOMB.pep:*
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14: \cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
15: \cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*
16: \cgn2_6/ptodata/2/pubpaa/US10NE_PUB.pep:*
17: \cgn2_6/ptodata/2/pubpaa/US10NE_PUB.pep:*
18: \cgn2_6/ptodata/2/pubpaa/US10NE_PUB.pep:*
19: \cgn2_6/ptodata/2/pubpaa/US10NE_PUB.pep:*
11: \cgn2_6/ptodata/2/pubpaa/US10NE_PUB.pep:*
12: \cgn2_6/ptodata/2/pubpaa/US10NE_PUB.pep:*
13: \cgn2_6/ptodata/2/pubpaa/US10NE_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1297172 seqs, 314612898 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                       OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Searched:
                                                                                                                                                                                                            Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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SUMMARIES	
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Score Match Length DB ID 1116 100.0 212 9 US-09-105-2 116 100.0 212 9 US-09-105-2 1065 95.8 225 14 US-10-427-631-4 1065 95.4 230 15 US-10-264-049-2599 786 70.4 218 9 US-09-108-8338-7 779 69.8 218 9 US-09-108-8338-7 779 69.8 218 9 US-09-108-8338-7 770 69.8 218 9 US-09-108-8338-7 772 69.2 218 16 US-10-408-765A-433 772 69.2 218 1 US-09-925-192-14 774 69.2 218 1 US-09-925-192-14 775 69.2 218 1 US-09-925-192-14 776 69.2 218 1 US-09-925-192-14 777 69.2 218 1 US-09-925-192-14 778 69.2 218 1 US-09-935-193-14 779 69.2 218 1 US-09-935-193-14 786 79.0 231 9 US-09-918-9338-9 787 69.2 218 1 US-09-935-193-14 787 69.2 218 1 US-09-935-193-14 788 788 788 788 788 788 788 788 788 78	ין [ונפסם		* 6				
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69.8 218 9 US-09-189-833B-7 69.8 218 9 US-09-902-705-7 69.8 218 16 US-10-408-765A-433 69.2 218 19 US-09-925-664-14 69.2 218 19 US-09-925-192-14 40.0 231 9 US-09-189-833B-9 40.0 231 9 US-09-189-833B-9 30.4 230 14 US-08-192-13 23.8 165 15 US-10-143-13	9	786	70.4	218	σ	US-09-902-705-8	Sequence 8, Appli
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69.8 218 16 US-10-408-765A-433 69.2 218 9 US-09-925-664-14 69.2 218 12 US-09-925-192-14 40.0 231 9 US-09-189-833B-9 40.0 231 9 US-09-189-833B-9 30.4 230 14 US-10-102-143-13 23.8 165 15 US-10-369-493-19356	œ	779	69.8	218	σ	US-09-902-705-7	Sequence 7, Appli
69.2 218 9 US-09-925-664-14 69.2 218 12 US-09-925-192-14 60.0 231 9 US-09-188-9 840.0 231 9 US-09-102-705-9 840.0 231 9 US-09-102-705-9 83.8 165 15 US-10-369-493-19356	ഗ	779	8.69	218	16	US-10-408-765A-433	Sequence 433, App
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40.0 231 9 US-09-189-833B-9 S 40.0 231 9 US-09-902-705-9 S 30.4 230 14 US-10-102-143-13 23.8 165 15 US-10-369-493-19356	11	772	69.5	218	12	US-09-925-192-14	Sequence 14, Appl
40.0 231 9 US-09-902-705-9 30.4 230 14 US-10-102-143-13 23.8 165 15 US-10-369-493-19356	12	446.5	40.0	231	σ	US-09-189-833B-9	Sequence 9, Appli
30.4 230 14 US-10-102-143-13 23.8 165 15 US-10-369-493-19356	13	446.5	40.0	231	σ	US-09-902-705-9	Seguence 9, Appli
23.8 165 15 US-10-369-493-19356	14	339	30.4	230	14	US-10-102-143-13	Sequence 13, Appl
	12	265.5	23.8	165	15	US-10-369-493-19356	Sequence 19356, A

5 US-10-369-493-1844, 5 US-10-369-493-2304, 6 US-10-369-493-1804, 5 US-10-369-493-1828, 5 US-10-369-493-1828, 6 US-10-369-493-1673, 7 US-10-369-493-1673, 8 US-10-369-493-1673, 10 US-10-369-493-1903, 10 US-10-369-493-1199, 10 US-10-425-114-7193, 10 US-10-425-114-7193, 10 US-10-425-114-7193, 10 US-10-425-114-7193,	S US-10-369-493 S US-10-369-493 6 US-10-369-4963 5 US-10-369-493 5 US-10-369-493
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ALIGNMENTS

RESULT 1 US-09-189-833B-2 Sequence 2, Application US/09189833B Sequence 2, Application US/09189833B Sequence 2, Application US20020065393A1 GENERAL INFORMATION: APPLICANT: Bednarik et al. TILE REFERENCE: PF138P1D1 CURRENT APPLICATION NUMBER: US/09/189,833B CURRENT FILING DATE: 1998-11-12 PRIOR FILING DATE: 1998-11-12 PRIOR APPLICATION NUMBER: US/09/189,833B CURRENT FILING DATE: 1998-10-19 PRIOR FILING DATE: 1994-10-19 PRIOR FILING DATE: 1994-10-19 NUMBER OF SEQ ID NOS: 11 SEQ ID NO 2 LENGTH: 212 TYPE: PRT CREANISM: Homo sapiens US-09-189-833B-2	Query Match 100.0%; Score 1116; DB 9; Length 212; Best Local Similarity 100.0%; Pred. No. 1.8e-115; Matches 212; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	1 MATRSPGVVIMDDWPGYDIALFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYS 60	61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120	y 121 DLSTLAGKNFLIVEDVVGTGRTWKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180 121 DLSTLAGKNFLIVEDVVGTGRTWKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180
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Gaps

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127 GKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHL 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    67 VLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGGDLSTLA 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        134 GKNVLIVEDVVGTGRTMKALLSNIEKYRPNMIKVASLLVKRTSRSDGFRPDYAGFEIPNL 193
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                                                                                                                                                                                                                                                                                                                                                                                             14 GVVIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAKDIMKDIGYSDIMVLC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                74 VLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGGDLSTLA
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                                                                                                                                                                                                                                                            Length 225;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Birse et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPERENCE: PA133P1
CURRENT APPLICATION NUMBER: US/10/264,049
CURRENT FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: PCT/US01/18569
PRIOR FILING DATE: 2001-06-07
PRIOR FILING DATE: 2000-06-07
NUMBER OF SEQ ID NOS: 4360
SOFTWARE: PATENTIN Ver. 3.1
SEQ ID NO 2599
LENGTH: 230
                                                                                                                                                    NAME/KEY: misc feature
) OTHER INFORMATION: Incyte ID No. US20030175923A1 1404963CD1
US-10-427-631-4
                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                         Query Match 95.8%; Score 1069; DB 14; Best Local Similarity 98.5%; Pred. No. 3.3e-110; Matches 203; Conservative 2; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             194 FVVGYALDYNEYFRDLNHICVINEHG 219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               187 FVVGYALDYNEYFRDLNHICVINEHG 212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 2599, Application US/10264049; Publication No. US20040005579Al; GENERAL INFORMATION:
                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Homo sapiens
US-10-264-049-2599
SOFTWARE: PERL Program SEQ ID NO 4 LENGTH: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 203; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 4
US-10-264-049-2599
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                                                                                                                                                      Sequence 2, Application US/09902705
Patent No. US2020001695A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
FILE REFERENCE: PR138P1C1
CURRENT APPLICATION NUMBER: US/09/902,705
CURRENT APPLICATION NUMBER: US/09/902,705
PRIOR APPLICATION NUMBER: US/09/902,705
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR FILING DATE: 1994-10-19
NUMBER: OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       121 DLSTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 1116; DB 9; Length 212; 100.0%; Pred. No. 1.8e-115; ive 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: INCYTE CORPORATION; TANG, Y. Tom;
APPLICANT: CORLEY, Neil C.; GUEGLER, Karl J.;
APPLICANT: CORLEY, Neil C.; GUEGLER, Karl J.;
APPLICANT: CORLEY, Neil C.; GUEGLER, Karl J.;
APPLICANT: YUE, Henry; HILLMAN, Jennifer L.;
APPLICANT: AZIMZAI, Yalda
TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS
TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS
FILE REFERENCE: PF-0592-1 DIV
CURRENT APPLICATION NUMBER: US /10/427,631
CURRENT APPLICATION NUMBER: US /09/786,240
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
PRIOR PELLING DATE: 1999-09-10
PRIOR PELLING DATE: 1999-09-10
PRIOR PILLING DATE: 1999-09-10
PRIOR FILING DATE: 1999-01-10
PRIOR FILING DATE: 1999-01-10
PRIOR FILING DATE: 1999-01-10
PRIOR FILING DATE: 1999-01-10
PRIOR PILLING DATE: 1999-01-10
                                   181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
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Publication No. US20030175923A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 212; Conservative
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ORGANISM: Homo sapiens
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US-10-427-631-4
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Sequence 7, Application US/09189833B
Sequence 7, Application US/09189833B
Patent No. US2002006539341
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PF138F101
CURRENT APPLICATION NUMBER: US/09/189, 833B
CURRENT FILING DATE: 1998-11-12
PRIOR PILING DATE: 1998-11-12
PRIOR FILING DATE: 1995-0-6-05
PRIOR FILING DATE: 1995-0-6-05
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0
SEQ ID NO 7
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Sequence 7, Application US/09902705
Retent No. US20020081695A1
GENERAL INFORMATION:
APPLICANT: Bednarik et al.
TITLE OF INVENTION: Human Hypoxanthine- (Guanine) Phosphoribosyl Transferase-2
FILE REPERENCE: PPISHPICATION NUMBER: US/09/902,705
CURRENT PILING DATE: 2001-07-12
PRIOR PELICATION NUMBER: US 08/461,031
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1994-10-19
PRIOR FILING DATE: 1994-10-19
PRIOR SEQ ID NOS: 11
SOFTWARE: Patent In version 3.1
                                                                                                DISTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180
                                                                                                                           121 DLSTLTGKONVLIVEDIIDTGKTMQTLLSLVRQYNPRMVKVAASLLVKRTPRSVGYKPDFVG 180
       61 DIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSYRNDQSMGEMQIIGGG 120
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TYPE: PRT
ORGANISM: Homo sapiens
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US-09-189-833B-7
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US-09-902-705-7
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| Farent No. US20020081695A1
| GENERAL INFORMATION:
| APPLICANT: Bednarik et al.
| TITLE OF INVENTION: Human Hypoxanthine (Guanine) Phosphoribosyl Transferase-2
| FILE REFERENCE: PF138P1C1
| CURRENT APPLICATION NUMBER: US 08/461,031
| PRIOR FILING DATE: 1995-06-05
| PRIOR PLING DATE: 1995-06-05
| PRIOR PLING DATE: 1995-06-05
| PRIOR FILING DATE: 1994-10-19
| NUMBER OF SEQ ID NOS: 11
| SEQ ID NO 8
| LENGTH: 218
                                     Sequence 8, Application US/09189833B
Sequence 8, Application US/09189833B
Patent No. US2002065393A1
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PF138F1D1
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-11-12
PRIOR FILING DATE: 1995-06-05
PRIOR PAPLICATION NUMBER: PCT/US94/11914
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0
EENGTHA: 218
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 70.4%; Score 786; DB 9; Length 218; Best Local Similarity 69.3%; Pred. No. 9e-79; Matches 147; Conservative 30; Mismatches 35; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Cricetulus longicaudatus
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RESULT 5
US-09-189-833B-8
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                                                                                                                                    Gaps
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Publication No. US20040101874A1

FRERRAL INFORMATION:
APPLICANT: Gabosh, Soumitra S.
APPLICANT: Fahy, Eoin D.
APPLICANT: Taylor, Steven W.
APPLICANT: HING PATE: 10010408.465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT APPLICATION NUMBER: US/10/408,765A
NUMBER OF SEQ ID NOS: 3077
SOFTWARE PASISEQ for Windows Version 4.0
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69.8%; Score 779; DB 16; Length 218;
Best Local Similarity 68.4%; Pred. No. 5.4e-78;
Matches 145; Conservative 31; Mismatches 36; Indels (
                                                                                                 Ouery Match 69.8%; Score 779; DB 9; Length 218; Best Local Similarity 68.4%; Pred. No. 5.4e-78; Matches 145; Conservative 31; Mismatches 36; Indels
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              LENCTH: 218
TYPE: PRT
CRGANISM: Homo sapiens
US-09-902-705-7
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, ORGANISM: Homo sapiens
US-10-408-765A-433
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SEQ ID NO 7
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Publication No. US20040096452A1
GENERAL INFORMATION:
APPLICANT Denney, Jr., Dan W.
TITLE OF INVENTION: Vaccines for Treatment of Lymphoma and Leukemia FILE REFERENCE: GENITOPE-06493
CURRENT APPLICATION NUMBER: US/09/925,192
CURRENT APPLICATION DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 80
SOFTWARE: Patentin version 3.2
Sequence 14, Application US/09925664

Patent No. US20020160006A1

GENERAL INFORMATION:
TITLE OF INFORMATION:
FILE REFERENCE: GENITOPE-06499

CURRENT APPLICATION NUMBER: US/09/925,664

CURRENT APPLICATION NUMBER: US/09/925,664

CURRENT FILING DATE: 1996-09

PRIOR APPLICATION NUMBER: 08/370,453

PRIOR FILING DATE: 1996-05-01

PRIOR FILING DATE: 1996-05-01

PRIOR FILING DATE: 1996-05-01

PRIOR FILING DATE: 1996-12-06

NUMBER OF SEQ ID NOS: 80

SOFTWARE PATENTIN VUMBER: 08/761,277

PRIOR FILING DATE: 1996-12-06

NUMBER OF SEQ ID NOS: 80
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 218;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 69.2%; Score 772; DB 9; Length 21 Best Local Similarity 67.9%; Pred. No. 3.2e-77; Matches 144; Conservative 32; Mismatches 36; Indels
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69.2%; Score 772; DB 12;
Best Local Similarity 67.9%; Pred. No. 3.2e-77;
Matches, 144; Conservative 32; Mismatches 36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        181 FEIPDKFVVGYALDYNEYFRNLNHVCVISETG 212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) ORGANISM: Mus musculus
US-09-925-192-14
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LENGTH: 218
TYPE: PRT
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66 NNEEFHILCLLKGSRGFFTALLKHLSRIHNYSAVEMSKPLFGEHYVRVKSYCNDQSTGTL 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           136 VYGTGRIMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPHLFVVGYALDY 195
                                                                                                                                                                                                                                                                                                                                                                          58 GYSDIMVLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKV---DFIRLKSYRNDQSMGEM 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       28 YNADDFLVPPHCKPYIDKILLPGGLVKDRVEKLAYDIHRTYFGEELHIICILKGSRGFFN 87
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        115 QIIGGGDLSTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGF
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                                                                                                                                                                                                                                        5 SPGV------VIMDDWPGYDLNLFTYPQHYYGDLEYVLIPHGIIVDRIERLAXDIMKDI
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                                                                                                     Length 231;
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                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: pTet078ag1-HXGPRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             175 RPDYAGFEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
                                                                                                  Query Match
40.0%; Score 446.5; DB 9;
Best Local Similarity 42.7%; Pred. No. 5.2e-41;
Matches 93; Conservative 41; Mismatches 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/10102143
Publication No. US2030185851A1
GENERAL INFORMATION:
APPLICANT: Soldati, Dominique
APPLICANT: Meissner, Markus
TITLE OF INVENTION: TET transactivator system
FILE REFERENCE: 04630/016001
CURRENT APPLICATION NUMBER: US/10/102,143
CURRENT APPLICATION NUMBER: US/203-01-21
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patentin Ver. 2.1
LENGTH: 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-369-493-19356
Sequence 19356, Application US/10369493
Publication No. US2030233675A1
GRNERAL INFORMATION:
APPLICANT: Cao, Yongwei
; ORGANISM: Plasmodium falciparum
US-09-902-705-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   196 NEYFRDLNHICVINE 210
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US-10-102-143-13
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US-09-902-705-9
US-09-902-705-9
Squence 9, Application US/09902705
Patent No. US2002001695A1
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REFERENCE: PF138PLC1
FILE REFERENCE: PF138PLC1
CURRENT PELLON NUMBER: US/09/902,705
CURRENT PELLON NUMBER: US/08/461,031
PRIOR APPLICATION NUMBER: PCT/US94/11914
PRIOR FILING DATE: 1995-06-05
PRIOR FILING DATE: 1994-10-19
NUMBER OF SEQ ID NOS: 11
SSQTING SEQ ID NOS: 11
SSQTING 92
LENGTH: 231
                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 9, Application US/09189833B
Patent No. US20020065393Al
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
FILE REPERENCE: PRIJABRIDI
CURRENT APPLICATION NUMBER: US/09/189,833B
CURRENT FILING DATE: 1998-01-12
PRIOR APPLICATION NUMBER: CS/08/461,031
PRIOR PILING DATE: 1995-06-05
PRIOR PRILING DATE: 1995-06-05
PRIOR APPLICATION NUMBER: PCT/US94/11914
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.0
SEQ ID NO 9: 12 PRIVARE CONTRACTOR CONTRACTO
                                                                                                         121 DLSTLIGKAVLIVEDIIDTGKIMQTLLSLVKQYSPKMVKVASLLVKRISRSVGYRPDFVG 180
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   61 HIVALCVLKGGYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGD 120
                                                                      DISTLAGKNFLIVEDVVGTGRTMKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAG 180
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40.0%; Score 446.5; DB 9;
Best Local Similarity 42.7%; Pred. No. 5.2e-41;
Matches 93; Conservative 41; Mismatches 73;
                                                                                                                                                                                                                                           181 FEIPDKFVVGYALDYNEYFRNLNHVCVISETG 212
                                                                                                                                                                                                 181 FEIPHLFVVGYALDYNEYFRDLNHICVINEHG 212
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ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
US-09-189-833B-9
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## APPLICANT: Hinkle, Gregory J.
## APPLICANT: Gladman, Barry S.
## APPLICANT: Chen, Xianfeng
## TITLE OF INVENTION: ELANTS WITH IMPROVED PROPERTIES
## TITLE OF INVENTION: ELANTS WITH IMPROVED PROPERTIES
## TITLE OF INVENTION: DATE: 2003-02-28
## PRIOR PELING DATE: 2003-02-28
## PRIOR PELING DATE: 2002-02-21
## PRIOR PELING DATE: 2003-02-28
## PRIOR PELING DATE: 2003-02-28
## PRIOR PELING DATE: 2003-02-28
## PRIOR PELING DATE: 2003-02-21
## PRIOR PELING DATE: 2003-02-28
## PRIOR PELING DATE: 2003-02-21
## PRIOR PELING DATE: 2003-02-22
## PRIOR PELING DATE: 2003-03-23
## PRIOR PELING DATE: 2003-23
## PRIOR PELING DATE: 2003-03-23
## PRIOR PELING DATE: 2003-2
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Search completed: August 28, 2004, 15:25:17 Job time : 440 secs

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GenCore version 5.1.6 Copyright (c) 1993 - 2004
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August 28, 2004, 09:17:02; Search time 692 Seconds (without alignments) 9857.076 Million cell updates/sec Run on:

1 gattttttgtgatatcttct........cccggatcttcatcaggagg 1386 US-09-902-705-1 Title: Perfect score: Sequence:

Total number of hits satisfying chosen parameters: 3237270 segs, 2460713050 residues IDENTITY NUC Gapop 10.0 , Gapext 1.0 Scoring table: Searched:

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Minimum DB seq length: 0 Maximum DB seq length: 200000000

Database :

Published Applications NA:*

| cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_NEW PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_PUBCOMB.seq:*
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| cgn2_6/ptodata/2/pubpna/USO7_MEW PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_NEW PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_NEW PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_NEW PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
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| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_NEW PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 1, Appli	Sequence 1, Appli	Sequence 424, App	Sequence 19, Appl	Sequence 13, Appl	Sequence 222, App	Sequence 222, App	Sequence 77, Appl	Sequence 48, Appl	Sequence 77, Appl	Sequence 23, Appl	Sequence 78, Appl		Sequence 49, Appl
ΙD	US-09-189-833B-1	US-09-902-705-1	US-10-264-049-424	US-10-427-631-19	US-09-822-830A-13	US-09-764-870-222	US-10-125-540-222	US-10-050-704-77	US-10-266-829-48	US-10-798-512-77	US-10-050-704-23	US-10-050-704-78	US-10-266-829-23	US-10-266-829-49
DB	1 1 1	σ	16	15	σ	თ	15	15	16	17	15	15	16	16
% Query Match Length DB	1386	1386	1965	1927	806	2244	2244	4385	4385	4385	4386	4386	4386	4386
% Query Match	100.0	100.0	47.4	47.2	44.1	24.1	24.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3
Score	1386	1386	657	654.6	611.8	334.2	334.2	323	323	323	323	323	323	323
Result No.		2	m	4	C 2	9 U	0 7	ω	σ	10	11	12	13	14

Sequence 23, Appl Sequence 182, Appl Sequence 404, Appl Sequence 404, Appl Sequence 182, Appl Sequence 163, Appl Sequence 123, Appl Sequence 151, Appl Sequence 1155, Appl Sequence 184, Appl Sequence 184, Appl Sequence 108, Appl Sequence 125, Appl Sequence 125, Appl Sequence 125, Appl Sequence 21, Appl Sequence 22, Appl Sequence 24, Appl Sequence 24, Appl Sequence 24, Appl Sequence 27, Appl Seque	, ,
17 US-10-798-512-23 9 US-074-870-1082 9 US-09-764-870-1082 18 US-09-764-870-1082 18 US-10-125-540-182 18 US-10-108-313-273 19 US-09-764-891-183 10 US-09-764-891-185 11 US-09-764-891-185 10 US-09-764-891-185 11 US-09-764-868-1995 12 US-10-264-1995 13 US-09-984-271-68 13 US-09-984-271-68 14 US-09-984-271-68 15 US-10-128-578-45 16 US-09-984-271-68 17 US-09-984-271-68 18 US-09-984-271-68 19 US-09-984-271-68 10 US-09-984-271-68 11 US-09-984-271-68 12 US-10-128-578-45 13 US-09-984-271-68 14 US-09-984-271-68 15 US-10-128-578-45 16 US-10-128-578-45 17 US-09-984-128-128-128-128-128-128-128-128-128-128	00-000-401-60-
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ALIGNMENTS

SGULT 109-189-833B-1 Sequence 1, Application US/09189833B Parent No. US20020065393A1 GENERAL INFORMATION: APPLICAXY: Sedenarik et al. TTILE OF INVENTION: Human Hypoxanthine- (Guanine) Phosphoribosyl Transferase-2 CURRENT APPLICATION WINBER: US/09/189,833B CURRENT FILING DATE: 1998-06-05 PRIOR APPLICATION NUMBER: US/09/11914 PRIOR APPLICATION NUMBER: US/09/11914 PRIOR APPLICATION NUMBER: DT/US94/11914 PRIOR APPLICATION NUMBER: DT/US94/11914 PRIOR FILING DATE: 1994-10-19 SOFTWARE: PatentIn version 3.0 LENGTH: 1386 TYPE: DNA ORGANISM: Homo sapiens FEATURE: NAME/KEY: CDS LCCATIOR: (626)(1264)	Query Match Best Local Similarity 100.0%; Score 1386; DB 9; Length 1386; Best Local Similarity 100.0%; Pred. No. 0; Matches 1386; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	1 GATITITIGIGATATCTICTICGGGGGGGGGGGAACCTATIGTATAAACGCCAACGO 60	CGGCCCTTTTTGGGTACCTGGCCATTTTACTTGGCCCATTTTGGTAAAAGTTCCTTTC 120
NEGULT 1 US-09-189-833B-1 Sequence 1, Applicat. Patent No. US2002006; GENERAL INFORMATION: APPLICANT: Bedmark. TILE OF INFORMATION: FILE REFERENCE: PF1. CURRENT FILING DATE: PRIOR FILING DATE: PRIOR FILING DATE: PRIOR APPLICATION N PRIOR APPLICATION N PRIOR PILING DATE: NUMBER OF SEQ ID NO. SOFTWARE: PATENTING DATE: NUMBER OF SEQ ID NO. SOFTWARE: CAS. ILENTH: 1386 TYPE: DNA ORGANISM: HOMO SAPP FEATURE: NAME/KEY: CDS. US-09-189-833B-1	Query Match Best Local Similarity Matches 1386; Conser	1 GATTTTT 1 GATTTTTT	61 CGGCCCTT 61 CGGCCCTT
RESULT 1 US-09-189-83 Sequence 1; Sequence 1; Patent No. GENERAL IN APPLICANT 1 TILE OF TILE OF TILE REFE CURRENT A CURRENT A CURRENT A PRIOR FILE PRIOR FILE PRIOR FILE PRIOR FILE SOFTWARE OF SOTTWARE OF SOFTWARE OF SOTTWARE OF SOTTWA	Query Match Best Local Matches 138	상 점	, vo do

Db 1201 CTTAGATTACAATGAATACTTCAGAGATCTGAATGGGTCATCAATGAGCAGG 1260 Qy 1261 GTAAAGGAAATATCGAGTCTTAAAGACATGAATTCTCACCACTAAAGGCCCCAGATAGG 1320 Db 1261 GTAAAGGAAATATCGAGTCTTAAAGACATGAATTCTCACCACTAAAGGCCCCAGATAGG 1320 Qy 1321 ATCATTTTACGCCTGTCTTGGGGAGCCAGTTGCAAGTTGGGCCCCCCGGATCTTCATC 1380 Db 1321 ATCATTTTACGCCTGTCTTGGGGAGCCAGTTGCAAGTTGGGCCCCCCGGATCTTCATC 1380 Qy 1381 AGGAGG 1386 Db 1381 AGGAGG 1386	US-09-902-705-1 Sequence 1, Application US/09902705 Sequence 1, Application US/09902705 Sequence 1, Application US/09902705 Sequence 1, Application US/09902705 Sequence 1, Application: APPLICANT: Bednarik et al. ITTLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase- FILE REFERENCE: PRISEPLE CURRENT APPLICATION NUMBER: US/09/902,705 CURRENT APPLICATION NUMBER: US 08/461,031 PRIOR FILING DATE: 1995-06-05 PRIOR FILING DATE: 1995-06-05 PRIOR FILING DATE: 1994-10-19 NUMBER OF SEQ ID NOS: 11 SOFTWARE: Patentin version 3.1 LENGTH: 1386 LENGTH: 1386 LENGTH: US APPLICATION CRANISM: Homo sapiens PRATURE: NAME/KEY: CDS LOCATION: (626) (1264) COS-09-902-705-1	Query Match
CCCCTGATTCCTTGTGGGATAACCCGTATTCCCCCCCTTR CCCCTGATTCCTTGTGGGATAACCCGTATTCCCCCCCCTTR TCGCCCGGAAGGGACCGAGCCGAGCCGAGTTCATGG TCGCCCGAAGGGACCGAGCCGAG	421 TIGIGAGATTAGGCACCCAGGCTTTACACTTTATGCTTCGGCTCGTATG 421 TIGIGAGATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATG 421 TIGIGAGATTAGGCACACTCATTAGGCACCCAGGCTTTACACTTTATGCTTCCGGCTCGTATG 481 GTCCAAGCTCGAAATTAACCCTCACTAAAGGAAACTGGAGCTCCACCGGGTGG 481 GTCCAAGCTCGAAATTAACCCTCACTAAAGGAAACTGGAGCTCCACCGGGTGG 541 CGCCGCTCTACAACTAGGCAACCCCGGGGCTCCAGGAGTCCCACGGGGGGGG	DB 721 GAGTATCCTCATCCTCATGTTTTTTTTTTTTTTTTTTTT

1306 AAGGCCCCAGATAGGATCATTTTACGCCTGT-CTTGGGGAGCCCAGTTGCAAGTTGGGCC 1364

RESULT 3 US-10-264-049-424 ; Sequence 424, Application US/10264049

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1246 CATCAATGAGCACGCGTAAAGGAAAATATCGAGTCTTAAAGACATGAATTCTCACCACTA 1305
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JAPPLICANT: Wong, Gordon G.
APPLICANT: Wong, Gordon G.
APPLICANT: Wong, Gordon G.
APPLICANT: Hilary
APPLICANT: Cectel, Kim
APPLICANT: Agostino, Michael J.
APPLICANT: Assaick, Richard J.
APPLICANT: Resnick, Richard J.
APPLICANT: Gulukota, Kamalakar
APPLICANT: Graham, James R.
TITLE OF INVENTION: POLYNUCIECTIDES ENCODING NOVEL SECRETED PROTEINS
FILE REFERENCE: GIN 6402
CURRENT FILING DATE: 2001-03-29
PRIOR FILING DATE: 2001-03-29
PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 631
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 13
FEATURE FOR A PATENTIN CONTRACT.
                                                                                                                                                                                                                          540 AACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGGATTTGAGATTCCAAACTTATT
                       1006 AAAGAATTTTCTCATTGTTGAGGATGTTGTCGGAACTGGGAGGACCATGAAAGCACTACT
                                                             420 AAAGAATGTTCTCATTGTTGAGGATGTTGTCGGAACTGGGAGGACCATGAAAGCACTACT
                                                                                                            1066 CAGCAATATAGAGAAATACAAGCCCCAACATGATTAAGGTAGCCAGTTTGTTGGTGAAGAG
                                                                                                                                                   480 CAGCAATATAGAGAAATACAGGCCCAACATGATTAAGGTAGCCAGTTTGTTGGTGAAGAG
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44.1%; Score 611.8; DB 9;
Best Local Similarity 93.3%; Pred. No. 1.1e-183;
Matches 656; Conservative 0; Mismatches 29;
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LOCATION: 735,739
CTHER INFORMATION: n=a,c,g, or
US-09-822-8308-13
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ORGANISM: Homo sapiens
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717 AAGTCCCAGATAGGCATCATATTTACGCCTGTACTTGGGAAGCCAGCTGTCAAGTTTGTC 776
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47.2%; Score 654.6; DB 15; Length 1927;
Best Local Similarity 94.2%; Pred. No. 4.1e-197;
Matches 741; Conservative 0; Mismatches 24; Indels 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030175923A1 1404963CB1
US-10-427-631-19
                                                                                                                                               RESULT 4

US-10-477-631-19

Sequence 19, Application US/10427631

Publication No. US20030175923A1

GENERAL INFORMATION:

APPLICANT: INCYTE CORPORATION; TANG, Y. TOM;

APPLICANT: CORLEY, Neil C.;

APPLICANT: CORLEY, Neil C.;

APPLICANT: AZIMZAI, YBC, Henry; HILLMAN, Jennifer L.;

APPLICANT: AZIMZAI, YBC, Henry;

TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS

FILE REFERENCE: FF-0592-1 DN/

CURRENT AZIMZAI, YBC, 2003-04-29

FRIOR FILING DATE: 2003-04-29

PRIOR PELICATION NUMBER: US 09/786,240

PRIOR FILING DATE: 2002-03-12

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-01-04

PRIOR FILING DATE: 1999-01-04

PRIOR FILING DATE: 1999-01-04

PRIOR FILING DATE: 1999-01-104

PRIOR FILING DATE: 1999-01-104

PRIOR FILING DATE: 1999-01-104

PRIOR FILING DATE: 1999-05-11

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PERL PROGRAM
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ORGANISM: Homo sapiens
                                            1365 CCCCCGG 1371
                                                                    777 CCCCCAG 783
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767	දුරු දුර	26 GGGGGG 2238 GGGGG
	& 8 8	86 TTTTAC 2178 TTTGCT
Qy 887 AATTCAGATCGGTTTGTCTCAATGAAGGTTGATTTCATCAGACTAAAAAGTTACAGGAAT 946 Db 516 AATTCAGATCGATTTGTCTCAATGAAGGTTGATTTCATCAGACTAAAAAGTTACAGGAAT 457	දුරු අධ	146 GTGGGA 2130 CTGTGG
	& 6	206 GACCGA 2075 GAACGA
Qy 1007 AAGAATTTTCTCATTGTGAGGATGTTGTGGGAACTGGGAGGACCATGAAAGCACTACTC 1066	Q qq	266 GCCGCC 2017 ACCGC
OY 1067 AGCAATATAGAGAAATACAAGCCCAACATGATTAAGGTAGCCAGTTTGTTGGTGAAGAGA 1126	y d	326 ACTGGP 1958 ACTGGA
Oy 1127 ACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGGATTTGAGATTCCACACTTATTT 1186	QY Db	386 CCCAGG 1898 CCCAGG
Qy 1187 GTGGTGGGATATGCCTTAGATTACAATGATACTTCAGAGATCTGAATCACATATGCGTC 1246	δλ	446 AATTTC 1838 AATTTC
	\(\frac{1}{2} \)	506 TAAAG 1779 TAAAG
	ò	566 CCCGG
RESULT 6 US-09-764-870-222/c j Sequence 222, Application US/09764870 Parent No. US2002004286Al	G qq	
GENERAL INFORMATION: APPLICANT: Rosen et al. TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PT214 CURRENT APPLICATION NUMBER: US/09/764,870	RESULT US-10- ; Sequ ; Publ ; GENE	RESULT 7 US-10-125-540-222/c ; Sequence 222, App; ; Publication No. UG; ; GENERAL INFORMATION NO. UG;
; CUREENT FILING DATE: 2001-01-17 ; Prior application data removed - consult PALM or file wrapper ; NUMBER OF SEQ ID NOS: 646 ; SOFTWARE: PatentIn Ver. 2.0		APPLICANT: ROSENTICLE OF INVENTICE FILE REFERENCE: CURRENT APPLICATION DI
; SEQ 1D NO 222 ; LENGTH: 2244 ; TOTAB: DNA . OPTAB: Home sanders	N N N	Prior Application NUMBER OF SEQ ID SOFTWARE: Patent
FEATURE: NAME/KEY: SITE LOCATION: (10) COTHER INFORMATION: n equals a,t,g, or c	SEO CENTRAL SECTION OF THE CENTRAL SECTION OF	SEQ ID NO 222 LENGTH: 2244 TYPE: DNA ORGANISM: HOMO
; NAME/KEY: SITE ; LOCATION: (11) ; OTHER INFORMATION: n equals a,t,g, or c ; NAME/KEY: SITE	EZÃO	FEATURE: NAME/KEY: misc_ LOCATION: (10)
COTHER INFORMATION: n equals a,t,g, or c NAMEKEY: SITE 1. OCHER 1.00	E Z A O	FEATURE: NAME/KEY: misc_ LOCATION: (11) ⁻ OTHER INFORMATI
) DOTATION: (ZIZI) ; OTHER INFORMATION: n equals a,t,g, or c US-09-764-870-222	i Z	FEATURE: NAME/KEY: misc_

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rity 82.1%; Pred. No. 5.7e-95;
nservative 0; Mismatches 85; Indels 21;
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TION: Nucleic Acids, Proteins, and Antibodies
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US20030059875A1
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SEQ ID NO 77
LENGTH: 4385
TYPE: DNA
ORGANISM: HOMO SADIENS
FEATURE:
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ORGANISM: Homo sapiens
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NAME/KEY: SITE
LOCATION: (3476)
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US-10-266-829-48
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                                                                                                                                       Query Match 24.1%; Score 334.2; DB 15; Length 2244; Best Local Similarity 82.1%; Pred. No. 5.7e-95; Matches 485; Conservative 0; Mismatches 85; Indels 21;
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Publication No. US2003005042A1
GENERAL INFORMATION:
TITLE OF INVENTION: 62 Human Secreted Proteins
FILLE REFERENCE: PZ039P1
CURRENT APPLICATION NUMBER: US/10/050,704
CURRENT APPLICATION NUMBER: US/064,524
FRIOR APPLICATION NUMBER: 09/684,524
PRIOR APPLICATION NUMBER: 07/US00/08979
PRIOR APPLICATION NUMBER: 60/126,633
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 1999-04-09
PRIOR FILING DATE: 1999-04-09
PRIOR FILING DATE: 1999-04-06
PRIOR FILING DATE: 1999-04-26
NUMBER OF SEQ ID NUMBER: 60/130,991
PRIOR APPLICATION NUMBER: 60/130,991
PRIOR APPLICATION NUMBER: 60/130,991
                                                 NAME/KEY: misc_feature

// LOCATION: (2121)

// OTHER INFORMATION: n equals a,t,g, or c

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LOCATION: (2007)
OTHER INFORMATION: n equals a,t,g,
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US-10-050-704-77
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Best Local Similarity 85.2%; Pred. No. 3.1e-91;
Matches 396; Conservative 0; Mismatches 65;
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Fublication No. US2003020489A1
GENERAL INFORMATION
JEDENARY. Rosen et al.
TILLE OF INVENTION: 29 Human secreted proteins
FILE REFERENCE: PZ041P1
CURRENT APPLICATION NUMBER: US/10/266,829
CURRENT FILING DATE: 2002-10-09
FRIOR APPLICATION NUMBER: 09/756,168
FRIOR APPLICATION NUMBER: PCT/US00/19735
FRIOR APPLICATION NUMBER: 60/145,20
FRIOR FILING DATE: 2000-07-20
FRIOR FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 48
LENGTH: 4385
NAME/KEY: SITE
LOCATION: (3476)
CHER INFORMATION: n equals a,t,g, or US-10-050-704-77
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US-10-050-704-23

| Sequence 23 Application US/10050704
| Publication No. US20030050442A1
| GENERAL INFORMATION:
| APPLICANT Ruben et al. TITLE OF INVENTION: E 1 Unman Secreted Proteins FIILE REFERENCE: PZ039P1
| CURRENT APPLICATION NUMBER: US/10/050,704 |
| CURRENT FILING DATE: 2002-01-18 |
| PRIOR FILING DATE: 2002-01-18 |
| PRIOR FILING DATE: 2000-04-06 |
| PRIOR FILING DATE: 2000-04-06 |
| PRIOR FILING DATE: 1999-04-09 |
| PRIOR FILING DATE: 1999-04-06 |
| PRIOR FILING DATE: 1990-04-06 |
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; OTHER INFORMATION: n equals a,t,g, or c
US-10-050-704-23
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                                                                                                                            Gaps
                                                                                                                            4;
                                                            Length 4385;
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23.3%; Score 323; DB 17; Length 4385;
Best Local Similarity 85.2%; Pred. No. 3.1e-91;
Matches 396; Conservative 0; Mismatches 65; Indels 4
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                                                                                                                      Indels
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Sequence 77, Application US/10798512;
Publication No. US20040152164A1;
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: 62 Human Secreted Proteins
FILE REFERENCE: PZ039P1
CURRENT FILING DATE: 2004-03-12;
PRIOR APPLICATION NUMBER: US/09/684,524;
PRIOR FILING DATE: 2000-10-10
PRIOR FILING DATE: 2000-10-10
PRIOR FILING DATE: 2000-04-06;
PRIOR FILING DATE: 1999-04-06
PRIOR APPLICATION NUMBER: 60/128,693
PRIOR PILING DATE: 1999-04-06
PRIOR PILING DATE: 1999-04-06
PRIOR PLING DATE: 1999-04-06
SEQ ID NO 77
LENGTH: 4385
                                                            Score 323; DB 16;
Pred. No. 3.1e-91;
0; Mismatches 65;
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NAME/KEY: SITE

LOCATION: 3476)

OTHER INFORMATION: n equals a,t,g,
                                                            Query Match 23.3%;
Best Local Similarity 85.2%;
Matches 396; Conservative
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ORGANISM: Homo sapiens
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US-10-798-512-77
         US-10-266-829-48
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CCCAATACGCAAACCGCCTCTC-CCGCGCTTGGCCGATTCATTAATGCAGCTGGCACG 186
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                                             CTCATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGGGAATTG
                                                                                                                                                                   434 TGAGCGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACGTCCAAGCTCGAA
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llarity 85.2%; Pred. No. 3.1e-91;
Conservative 0; Mismatches 65;
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TITLE OF INVENTION: 29 Human secreted proteins
FILE REPERENCE: PZ04121
FILE REPERENCE: PZ04121
FURBENT APPLICATION NUMBER: US/10/266,829
CURRENT FILING DATE: 2002-10-09
PRIOR PILING DATE: 2001-01-09
PRIOR FILING DATE: 2001-01-09
PRIOR FILING DATE: 2000-07-20
PRIOR FILING DATE: 1999-07-23
NUMBER: OF SEQ ID NOS: 146
SOFTWARE: PATCHIN VET: 2.0
SOFTWARE: PATCHIN VET: 2.0
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; OTHER INFORMATION: n equals a,t,g, or c
US-10-266-829-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 23, Application US/10266829; Publication No. US20030220489A1; GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 396; Conservat
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NAME/KEY: SITE
LOCATION: (3477)
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                                                                                                                                                                                                                                                          CTCATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGGAATTG 433
                                                                                                                                                                                                                                                                                                       CTCATTAGGCACCCCCAGGCTTTACACTTTATGCTTCCCGCTCGTATGTTGTGTGGAATTG 306
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128 CCCAATACGCAAACCGCCTCTC-CCCGCGGTTGGCCGATTCATTAATGCAGCTGGCACG 186
                                                                                                                                                                   187 ACAGGTTTCCCGACTGGAAAGCGGGCAGTGAGCGCAACGCAATTAATGTGAGTTAGCTCA 246
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Pred. No. 3.1e-91;
0; Mismatches 65;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: 62 Human Secreted Proteins
TITLE OF INVENTION: 62 Human Secreted Proteins
FILE REFERENCE: P2039P1
CURRENT APPLICATION NUMBER: US/10/050,704
CURRENT FILING DATE: 2002-01-18
PRIOR PPLICATION NUMBER: 09/684,524
PRIOR APPLICATION NUMBER: 09/684,524
PRIOR PILING DATE: 2000-10-10
PRIOR APPLICATION NUMBER: 60/128,693
PRIOR PILING DATE: 1999-04-06
PRIOR PLING DATE: 1999-04-06
PRIOR PLING DATE: 1999-04-26
NUMBER: OF SEQ ID NOS: 344
SOFTWARE: PATENTIN VET: 2.0
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CTHER INFORMATION: n equals a,t,g, or c
US-10-050-704-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 78, Application US/10050704 Publication No. US20030050442A1 GENERAL INFORMATION:
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Best Local Similarity 85.2%;
Matches 396; Conservative 0
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ORGANISM: Homo sapiens
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254 CCCAATACCCAAGCCGCCTCTCGCCGGCGCGTTGTGCGATTCATTAATACAGCTGCCACG 313
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                                                614 GACTACGGCCGAATGGCGACCCGCAGCCCTGGCGTCGTGATTATG
                                                                                                             RESULT 15
US-10-798-512-23

i Sequence 23. Application US/10798512

i Publication No. US20040152164A1

i GENERAL INFORMATION:

APPLICANT: Ruben et al.

I TILE OF INVENTION: 62 Human Secreted Proteins
FILE REFERENCE: PZ039P1

CURRENT APPLICATION WUMBER: US/10/798,512

CURRENT FILING DATE: 2004-03-12

PRIOR FILING DATE: 2000-10-10

PRIOR FILING DATE: 2000-10-10

PRIOR FILING DATE: 1090-04-06

PRIOR FILING DATE: 1999-04-09

PRIOR APPLICATION NUMBER: 60/128,693

PRIOR FILING DATE: 1999-04-09

PRIOR FILING DATE: 1999-04-06

PRIOR FILING DATE: 1999-04-06

PRIOR FILING DATE: 1999-04-06

PRIOR FILING DATE: 1999-04-06

SOFTWARE: PATCATION NUMBER: 60/130,991

PRIOR FILING DATE: 1999-04-06

SEQ ID NOS: 344
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Best Local Similarity 85.2%; Pred. No. 3.1e-91;
Matches 396; Conservative 0; Mismatches 65;
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LOCATION: (3477)
CTHER INFORMATION: n equals a,t,g, or US-10-798-512-23
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Best Local Similarity 85.2%; Pred. No. 3.1e-91;
Matches 396; Conservative 0; Mismatches 65; Indels
                                                                                                                                                                                                                                                                                                                                             Sequence 49, Application US/10266829;
Publication No. US20030220489A1
GENERAL INFORMATION:
APPLICANT: Sosen et al.
ITILE OF INVENTION: 29 Human secreted proteins;
ITILE OF INVENTION: 29 Human secreted proteins;
ITILE OF INVENTION: 29 Human secreted proteins;
CURRENT APPLICATION NUMBER: US/10/266,829;
CURRENT APPLICATION NUMBER: 09/756,168;
FRIOR APPLICATION NUMBER: 09/756,168;
FRIOR APPLICATION NUMBER: 09/756,169;
FRIOR FILING DATE: 2000-07-09;
FRIOR FILING DATE: 2000-07-20;
FRIOR FILING DATE: 1999-07-23;
NUMBER OF SEQ ID NOS: 146;
SEQ ID NO 49;
LENGTH: 4386
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NAME/KEY: SITE

LOCATION: (3477)

OTHER INFORMATION: n equals a,t,g, or US-10-266-829-49
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ORGANISM: Homo sapiens
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US-10-266-829-49
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433

493 365 553 425

127

Gaps

Search completed: August 28, 2004, 14:49:44

Job time : 698 secs

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us-09-902-705-1.rni
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RESULT 1
US-09-189-33B-1
; Sequence 1, Application US/0918933B
; Patent No. 6653446
; GENERAL INFORMATION:
; APPLICANT: Bednarik et al.
; TITLE OF INVENTION: Human Hypoxanthine-(Guanine) Phosphoribosyl Transferase-2
; FILE REFERENCE: PF138P1D1
; CURRENT PAPLICATION NUMBER: US/09/189,833B
; CURRENT FILING DATE: 1998-11-12
; PRIOR FILING DATE: 1998-11-12
; PRIOR PRIOR APPLICATION NUMBER: PCT/US94/11914
; PRIOR FILING DATE: 1994-10-19
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
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US-09-479-122-20
US-09-481-297-20
US-09-481-282-20
US-09-481-282-20
US-09-481-282-20
US-09-481-996-20
US-09-479-122-27
US-09-484-997-27
US-09-481-282-27
US-09-481-282-27
US-09-484-996-27
US-09-484-996-27
US-09-484-996-27
US-09-608-7308-21
US-09-608-7308-21
US-09-608-7308-21
US-08-675-566-5
US-08-675-566-14
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100.0%; Score 1386;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1386; Conservative 0; Mismatches
                                                                                                                                                                                                                                                            ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; NAME/KEY: CDS
; LOCATION: (626)..(1264)
US-09-189-833B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
  61
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Sequence 19, Application US/09786240

Sequence 19, Application US/09786240

Patent No. 655835

GENERAL INCYTE PHARMACEUTICALS, INC.

APPLICANT: TANG, Y. Tom

APPLICANT: TANG, Y. Tom

APPLICANT: CORLEY, Neil C.

APPLICANT: BAUGHN, Mariah R.

APPLICANT: LAL, Freet:

APPLICANT: HILLMAN Jennifer L.

APPLICANT: AZIMZAI, Yalda

TITLE OF INVENTION: HUMAN TRANSFERASE PROTEINS

FILE REFERENCE: PF-0529 PCT.

CURRENT APPLICATION NUMBER: US/09/786,240

CURRENT FILING DATE: 2002-03-12

PRIOR APPLICATION NUMBER: 09/150,657; unassigned; 09/186,779; unassigned; 60/133,64

PRIOR FILING DATE: 1998-09-10; 1998-09-10; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 1998-11-04; 
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; CTHER INFORMATION: Incyte ID No. 6558935 1404963CB1
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                                                                                                                                                                                                                                                               239 cegarahcariticacakegaakcaecrareaccarearrakee-ccaaecreeaarra 297
TTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGGGAATTGTGAG
                                                                                       TTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGAATTGTGAG
                                                                                                                                                                                                          CGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACGTCCAAGCTCGAAATTA
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US-08-976-259-108/C

| Sequence 108, Application US/08976259
| Patent No. 6316609
| Patent No. 6316609
| Patent No. 6316609
| PAPLICANT: Dillon, Patrick J.
| APPLICANT: Welch, Rodney A.
| TITLE OF INVENDION: Nuclectide Sequence of Escherichia coli |
| APPLICANT: Welch, Rodney A.
| TITLE OF INVENDION: Nuclectide Sequence of Escherichia coli |
| Patent No. 6316609
| NUMBER OF SEQUENCES: 142
| CORRESPONDENCE ADDRESS: 142
| CORRESPONDENCE ADDRESS: 16 |
| STATE: D. COUNTRY: USA |
| STATE: D. COUNTRY: USA |
| COMPUTER READABLE FORM: Nacion 6.2 |
| COMPUTER READABLE FORM: MSDCS version 6.2 |
| COMPUTER: HP Vectra 486/33 |
| CORPUTER: PERCHITON NUMBER: US/08/976,259 |
| FILING DATE: Herewith |
| CLASSIFICATION NUMBER: US 60/031,626 AND US 60/061,953 |
| ATTORNEY/AGENT INFORMATION: SA 688 |
| REFERENCE/DOCKET NUMBER: 36,688 |
| REFERENCE/DOCKET 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GTGGATCCCCCGGGCTGCAGGAATTCGGCACGA 390
                                                                                                                                                                                                                                                                                                                                                                                                                                              558 GIGGAICCCCCGGGCICCAGGAAIICGCCACGA 590
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 752 base pairs
nucleic acid
EDNESS: double
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Best Local Similarity
Matches 363; Conserva
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US-08-976-259-108
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                               1126 AACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGGATTTGAGATTCCACACTTATT 1185
                                                                                                                                                                                                                                                                  1246 CATCAATGAGCACGGGTAAAGGAAAATATCGAGTCTTAAAGACATGAATTCTCACCACTA 1305
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                                                                    540 AACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGGATTTGAGATTTCCAAACTTATT 599
                                                                                                                                                                                                                                                                                                                                                                                                                                 718 AA-GICCCAGAIAGCAICAIAITIACGCCIGTACTIGGGAAGCCAGCIGTCAAGTITGTC 776
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1S-09-482-273-68

Sequence 68, Application US/09482273

Parent No. 6534631

GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 71 Human Secreted Proteins FILE REFERENCE: PZ030P1
CURRENT FILING DATE: 2000-01-13

CURRENT APPLICATION NUMBER: US/09/482,273

CURRENT FILING DATE: 1999-07-14

EARLIER FILING DATE: 1999-07-14

EARLIER FILING DATE: 1998-07-15

EARLIER APPLICATION NUMBER: 60/092,921

EARLIER APPLICATION NUMBER: 60/092,922

EARLIER APPLICATION NUMBER: 60/092,922

EARLIER PILING DATE: 1998-07-15

SARLIER PILING DATE: 1998-07-15

SARLIER FILING DATE: 1998-07-15

NUMBER OF SEQ ID NOS: 267

SEQ ID NO 68

LENGTH: 3300
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LOCATION: (1)
OTHER INFORMATION: n equals a,t,g, or c
FRATURE:
NAME/KEY: SITE
LOCATION: (3)
OTHER INFORMATION: n equals a,t,g, or c
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COCATION: (15)
COTHER INFORMATION: n equals a,t,g, or c
US-09-482-273-68
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CCCCCGG 1371
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                                                                                                                                                                                                                                                                                                                                                                                   Length 7287;
                                                                                                                                                                                                                                                                                                                                                                                 Query Match 22.7%; Score 314.6; DB 2; Length Best Local Similarity 92.8%; Pred. No. 1.7e-81; Matches 363; Conservative 0; Mismatches 24; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC COMPUTES
OPPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/0918138
Patent No. 6531123
GENERAL INFORMATION:
ITLE OF INVENTION: LENTIVIRAL VECTORS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
CRESSPONDENCE ADDRESS:
CITY: Washington
CITY: Washington
CITY: Washington
COUNTRY: USA
LOCATION: join(953..1258, 1332..1673)
OTHER INFORMATION: /product= "p35 gene product"
                                                                                                                                                                                                                                                 LOCATION: 2983..3990
OTHER INFORMATION: /product= "p40 gene product"
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                                                        polyA_site
1797...2024
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2110..2737
                                                                                                                                                                                                                                                                                                          NAME/KEY: polyA site

// LOCATION: 4075..4306

US-08-659-206A-1
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                                                      NAME/KEY:
LOCATION:
FEATURE:
                                                                                                             NAME/KEY:
LOCATION:
FEATURE:
NAME/KEY:
                                                                                                                                                                                          LOCATION:
FEATURE:
NAME/KEY:
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CCCAATACGCAAACGCCCTCTC-CCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCACG 316
                                                                                   CTCATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGGAATTG 433
                                                                                                                                                              TGAGCGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACGTCCAAGCTCGAA 493
                                                                                                                                                                                                                                                     195 TGAGCGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACG-CCAAGCTCGAA 137
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Patent No. 5922685
GENERAL INFORMATION:
TITLE OF INVENTION: IL-12 Gene Therapy of Tumors
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
STREET: 1 South Pinckney Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 53703
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRAIT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,206A
                                                                                                                                                                                                                                                                                                                                                                    ACTAGIGGAICCCCCGGGCICCAGGAATICG 584
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NAME: Seay, Nicholas J
REGISTRATION NUMBER: 2736
REPERENCE/DOCKET NUMBER: 1102
TELECOMMUNICATION INFORMATION:
TELEFRONE: 608-251-5000
TELEFRONE: 608-251-916
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 7287 base pairs
TYPE: nucleic acid
STRANDENESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: circular
MOLECULE TYPE: other nucleic
DESCRIPTION: /desc = "Plasm
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629..810
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          pWRG3169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1 South
CITY: Madison
STATE: WI
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IMMEDIATE SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 5
US-08-659-206A-1
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NAME/KEY:
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us-09-902-705-1.rni

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Indels
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,538
FILING DATE: No. 6027881 yet assigned
CLASSIFICATION: 435
                                                                                                                                                     DB 4;
                                                                                                                                                   Score 313.6; DB Pred. No. 2.6e-81
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                                                                                                                                                                                         0; Mismatches
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                   Query Match 22.6%;
Best Local Similarity 92.8%;
Matches 362; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION: NAME: Weber, Kenneth A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: California COUNTRY: USA ZIP: 94111-384 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy d:
    SOFTWARE: Patentin Ver.
SEQ ID NO 12
LENGTH: 3988
                                                                TYPE: DNA
ORGANISM: Human tissue
US-09-358-856C-12
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Patent No. 6537777

GENERAL INFORMATION

GENERAL INFORMATION:

APPLICANT: GELLERFORS, PAR

APPLICANT: GELLERFORS, PAR

APPLICANT: GELLERFORS, PAR

TITLE OF INVENITION: INTERMITIENT PORPHYRIA (AIP) AND OTHER PORPHYRIC

TITLE OF INVENITION: DISEASES

FILE REFERENCE: GELLERFORS=1A

CURRENT APPLICATION NUMBER: US/09/358,856C

CURRENT FILING DATE: 1999-07-22

NUMBER OF SEQ ID NOS: 40
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CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/318,138
FILING DATE: 25-May-1999
CLASSIFICATION: «UNCOWN»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/086,635
FILING DATE: 26-May-1998
APPLICATION NUMBER: US 08/935,312
FILING DATE: 22-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                           RADISTRATION NUMBER: 28,005
REGISTRATION NUMBER: 28,005
REFERENCE/DOCKET NUMBER: CHANG=109A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 12479 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                          TELEFAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 92.8<sup>†</sup>
Matches 363; Conservative
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Patent No. 6027881

Patent No. 6027881

APPLICANT: Pavlakis, George N.

APPLICANT: Stauber, Roland H.

APPLICANT: Gaitenaris, George A.

APPLICANT: Gaitenaris, George A.

APPLICANT: Gaitenaris, John N.

TITLE OF INVENTION: Mutant Acquorea victoria Fluorescent

TITLE OF INVENTION: Proteins Having Increased Cellular Fluorescence

NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, 8th Floor

CITY: San Francisco

STATE: California

COUNTY: USAN Francisco

STATE: California
                                                                                                                                                                                                                                                                 2058 CCCAATACGCAAACCGCCTCTC-CCCGCGCTTGGCCGATTCATTAATGCAGCTGGCACG
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                                                                                                              194 CGCCCGGAAGGGGACCGACCGAGCCCAGCGATTCATGGAGCGAGGAAAAGCGGAAAGAGAG
Length 3988;
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REFERENCE/DOCKET NUMBER: 015280-249000
TELECOMMUNICATION INFORMATION:
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Sequence 6, Application US/09503222

Sequence 6, Application US/09503222

Patent No. 6265548

GENERAL INFORMATION:
APPLICANT: Pavlakis, George N.
APPLICANT: Stauber, Roland H.
APPLICANT: Stauber, Roland H.
APPLICANT: Vournakis, John N.
TITLE OF INVENTION: Mutant Aequorea victoria Fluorescence
NUMBER OF SEQUENCES: 37

CORRESPONDENCE 3.37

CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                      CCCAATACCCAAGCCGCCTCTCGCCGGCGCGTTGTGCGATTCATTAATACAGCTGCCACG
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                         Query Match
22.6%; Score 313; DB 3;
Best Local Similarity 92.6%; Pred. No. 3.8e-81;
Matches 362; Conservative 0; Mismatches 25;
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                                                                                                                                                                                              ) NAME/KEY: -
| JOCOSTION: 1..3699
| OTHER INFORMATION: /note= "pBSGFF"
US-08-646-538-6
                TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 3699 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                          linear
                                                                                                                                                     MOLECULE TYPE: DNA FEATURE:
TELEPHONE:
                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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RESULT 10
US-08-675-566-18/c
US-08-675-566-18/c
Sequence 18, Application US/08675566
Setent No. 6090393
GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF
MUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: S30 Fifth Avenue
STATE: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1704 ACAGGTTTCCCGACTGGAAAGCGGGCAGTGAGCGCAACGCAATTAATGTGAGTTAGCTCA 1645
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               254 CCCAATACCCAAGCCGCCTCTCGCCGGCGCTTGTGCGATTCATTAATACAGCTGCCACG 313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          374 CTCATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGGAATTG 433
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 22.6%; Score 313; DB 3; Length 3699; Best Local Similarity 92.6%; Pred. No. 3.8e-81; Matches 362; Conservative 0; Mismatches 25; Indels
                                               FILENCY CALLS
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/646,538
FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 015280-249000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0200
TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 3899 base pairs
LENGTH: 3899 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ACTAGTGGATCCCCCGGGCTGCAGGAATTCG 1435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) NAME/KEY: -
) LOCATION: 1..3699
) OTHER INFORMATION:
US-09-503-222-6
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RESULT 12
US-08-675-566-16/c
US-08-675-566-16/c
Sequence 16, Application US/08675566
Sequence 16, Application US/08675566
Sequence 16, Application US/08675566
Sequence 16, Application US/08675566
Tarent No. 6090393
TITLE OF INVENTION:
CORRESPONDENCE 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3563
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             CUMPRY: United States of America

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/675,566

FLING DATE: 03-UL-1996

CLASSIFICATION: 424

ATTORNEY/AGENT INPORMATION:

NAME: FCOMMET ESQ., William S.

REGISTRATION NUMBER: 25,506

REGISTRATION NUMBER: 25,506

REGISTRATION NUMBER: 454310-2890

TELEFAN: (212)840-0712

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LINFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LEMGTH: 6244 base pairs

TYPE: INUCIAL acid

STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
22.6%; Score 313; DB 3;
Best Local Similarity 92.6%; Pred. No. 4.7e-81;
Matches 362; Conservative 0; Mismatches 25.
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New York
: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (genomic)
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US-08-675-566-17
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Patent No. 6090393

GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3422 CCCAATACGCAAACGGCCTCTC-CCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCAG 3364
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     194 CGCCCGGAAGGGGACCGAGCCCAGCGATTCATGGAGCGAAGAAGCGGGAAGAGGCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 22.6%; Score 313; DB 3; Length 6045; Best Local Similarity 92.6%; Pred. No. 4.7e-81; Matches 362; Conservative 0; Mismatches 25; Indels
                       COMPUTER READABLE FORM:

MEDUTER READABLE FORM:

COMPUTER READABLE FORM:

COMPUTER IBM PC compatible

COMPUTER IBM PC compatible

COURAGE IBM PC compatible

COURAGE PATENTIN PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/675,566

FILING DATE: 03-JUL-1996

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Frommer Esq., William S.

REFERENCE/DOCKET NUMBER: 45.506

REFERENCE/COCKET NUMBER: 45.506

REFERENCE/COCKET NUMBER: 45.4310-2890

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUN
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      United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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      COUNTRY:
ZIP: 1003
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4837 CTCGCCGCAGCCGAACGACCGAGCGCAGCGAGTCAGTGAGCGAGGAA--GCGGAAGAGGG 4780
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
22.6%; Score 313; DB 3; Length 65:
Best Local Similarity 92.6%; Pred. No. 4.8e-81;
Matches 362; Conservative 0; Mismatches 25; Indels
                                                                                        ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPATING SYSTEM: PC COMPATIBLE
OPERATING SYSTEM: PC COMPATIBLE
SOFTWARE: PATENTIN Release #1.0, Version #1.30
SOFTWARE: PATENTIN RABBE: US/08/675,566
FILING DATE: 03-JUL-1996
CLASSIFICATION NUMBER: US/08/675,566
ATTONEY/AGENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFRENCE/DOCKET NUMBER: 25,506
TELEPRA: (212)840-3333
TELEPRA: (212)840-3333
TELEPRA: (212)840-3333
TELEPRA: (212)840-3333
TELEPRA: (212)840-3333
TELEPRA: (212)840-3333
TELEPRA: (212)840-3313
TELEPRA: (212)840-3313
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                                                                        United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-675-566-4
530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                        New York
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Patent No. 6090393
GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3824 CCCAATACGCAAACCGCCTCTC-CCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCACG 3766
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Pred. No. 4.8e-81;
0; Mismatches 25; Indels
                                                               COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPANION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/675,566
CLASSIFICATION: 424
ATYORNEY/AGENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 45,4310-2890
TELEPAX: (212)840-3333
TELEPAX: (212)840-3333
INFORMATION POR SEQ. ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 6447 base pairs

"WITH THE CARRENT COMPANION TELEPAX: (212)840-0712
INFORMATION POR SEQ. ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 6447 base pairs
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                   New York
: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-675-566-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 92.6°
Matches 362, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
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US-08-675-566-4/c
                                            COUNTRY:
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Sequence 15, Application US/08675566
Patent No. 6090393
GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
ITLE OF INVENTION: PROMOTERS, EXPRESSION CASSETTES,
ITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:

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Laurent
PROMOTERS, EXPRESSION CASSETTES,
RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF
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                                                                                            COMPUTE: ULLICE CONTROLL OF THE COMPUTER TRADABLE FORM:

MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPUTIBLE COMPUTER: Ploppy disk COMPUTER: IBM PC COMPUTIBLE COMPUTER: PLANCE COMPUTER: PATENTIAL PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/675,566 FILING DATE: 03-JUL-1996 CLASSIFICATION: 424

ATTORNEY/AGENT INFORMER: 25,506

REGISTRATION NUMBER: 25,506

REFERENCE/DOCKET NUMBER: 454310-2890

TELEPHONE: (312)840-3333

TELEPAS: (212)840-3333

TELEPAS: (212)840-712

INFORMATION FOR SEO ID NO: 15: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 313; DB 3;
Pred. No. 4.8e-81;
0; Mismatches 25
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Curtis, Morris & Safford, P.C.
                                                                      New York . United States of America
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Patent No. 6090393
GENERAL INFORMATION:
APPLICANT: Fischer, Laurent
TITLE OF INVENTION: PROMOTERS, EXI
TITLE OF INVENTION: PROMOTERS, EXI
NUMBER OF SEQUENCES: 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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                        530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 92.61
Matches 362; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                           New York
ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-675-566-2/c
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US-08-675-566-15
                                                                 STATE: No COUNTRY:
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1229 CICATTAGGCACCCCCAGGCTITACACTITIATACCTITCCGGCTCGTATGTTGTGTGGAATTG 4170
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TGAGCGGATAACAATTTCACACAGGAAACAGCTATGACCATGATTACGTCCAAGCTCGAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            194 CGCCCGGAAGGGGACCGAGCCCAGCGATTCATGGAGCGAGGAAAAGCGGGAAGAGCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  22.6%; Score 313; DB 3; Length 6958; 92.6%; Pred. No. 5e-81; tive 0; Mismatches 25; Indels
                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/675,566
FILING DATE: 03-UUL-1996
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Curtis, Morris & Safford, P.C. STREET: 530 Fifth Avenue CITY: New York STATE: New York COUNTRY: United States of America COUNTRY: United States of America COUNTRY EADABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           554 ACTAGIGGATCCCCCGGGCTCCAGGAATICG 584
                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/ACENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2890
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)840-3333
TELEPHONE: (212)840-0712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Search completed: August 28, 2004, 09:54:24
Job time : 128 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6958 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (212)840-0712
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 92.6
Matches 362; Conservative
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STRANDEDNESS: single
CORRESPONDENCE ADDRESS:
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